

# **University of South Carolina**

***OMB Circular A-133 Reports***

***For the year ended June 30, 2013***

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**University of South Carolina**  
**OMB Circular A-133 Reports**  
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**University of South Carolina**  
**Schedule of Expenditures of Federal Awards**  
**For the year ended June 30, 2013**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>Research and Development Cluster</b>			
<b>Office of National Drug Control Policy</b>			
Passed through programs from:			
University of South Carolina Research Foundation			
Constructing a Drug Consequences Index	00.RD	G10USCAROLINA	\$ 35,887
<b>Total Office of National Drug Control Policy</b>			<b>35,887</b>
<b>The National Academies</b>			
Passed through programs from:			
University of South Carolina Research Foundation			
Phase II - University-Industry Demonstration Partnership	00.RD	PGA-P290917	270,700
Phase II - University-Industry Demonstration Partnership (Travel Budget)	00.RD	PGA-P290917	42,889
<b>Total National Academies</b>			<b>313,589</b>
<b>U.S. Department of Agriculture</b>			
A US-China Joint Program on Forestry Biomass Utilization for Sustainable Materials and Nanotechnologies	10.RD	2011-5116031205	27,932
Passed through programs from:			
Natural Resources Conservation Service			
Video Documentary on the South Carolina Farm to Fork Revolution	10.RD	68-4639-12-0017	29,455
<b>University of South Carolina Research Foundation</b>			
At the Root of Sustainable Bioenergy: Using Genetic Variation in Root Traits to Maximize Soil Carbon Sequestration and Biomass Yields	10.RD	5354-A	2,419
Atmospheric Emissions of Nitrous Oxide, Methane, Ammonia, and Particulate Matter for Subtropical Sugarcane Production	10.RD	53969	22,617
Characterization of Olfactory Proteins of the Yellow Fever Mosquito Aedes aegypti as Targets for the Study of Chemosensory Deterrents	10.RD	58-1275-7-360	12,610
Olfactory Proteins as Targets for Manipulating Mosquito Behavior	10.RD	58-1275-2-385	6,847
Determination of Optimal Treatment Processes for Natural Organic Matter Removal and Disinfection BY-Product Formation Reduction	10.RD	58-3148-0-167	2,428
Distributed On-Farm Bioenergy, Biofuels and Biochemicals (FarmBio3) Development and Production via Integrated Catalytic Thermolysis	10.RD	59-1935-3-001	28,613
Children's Food Choices: Developing Economic Models To Guide Nutrition Policy	10.RD	59-5000-0-0073	2,838
Before the Lunch Line: Behavioral Economic Interventions for Pre-Commitment and for Teacher Modeling	10.RD	62140-9881	13,924
How Can Communities and Households Protect Children for Very Low Food Security?	10.RD	304810783412327	245,350
SC Farm-to-School Program and Children's and Parents' Food Choices	10.RD	018000321470-07	8,732
Identifying Food Deserts in the Rural South: A Comparison of Food Access Measures	10.RD	018000-32147011	20,433
Understanding the Relationships Among Child Food Insecurity, Diet Quality, and Physical Activity in Non-metropolitan versus Metropolitan Households	10.RD	01800032147013	20,595
Comparative Effectiveness of Group Prenatal Care on Women's Food Insecurity and Psychosocial Health	10.RD	018000.32147015	4,974
Mixing Height Calculation for Aerial Spray Dispersion	10.RD	12DG11420004221	9,891
Participating Agreement Between USC-Geography and US-Forest Service	10.RD	12PA11081209007	13,729
Genomic and Breeding Foundations for Cellulosic Sorghum Bioenergy Hybrids	10.RD	201167009-30594	122,068
COPASCIes: Childhood Obesity Prevention in SC Communities (Fast Food Mania: Researching and Writing about the Politics of Eating)	10.RD	2012-6900119615	1,985
The Effect of Aerobic and/or Intermittently Flooded Rice Cultivation on AQP Transcription Levels and the Nutritional Quality of Rice Grain	10.RD	2012-6900219796	62,743
Develop Video Material for Cultural and Natural Resources Outreach and Soils Education	10.RD	68-4639-11-0013	60,459
Wildlife Species Information System for S1 Species in South Carolina	10.RD	68-4639-11-0021	2,020
Technical Assistance to City Roots for Conservation Innovation Grants	10.RD	69-3A75-12-210	3,362
COPASCIes: Childhood Obesity Prevention in SC Communities	10.RD	2012-6900119615	368,620
<b>Total U.S. Department of Agriculture</b>			<b>1,094,644</b>
<b>U.S. Department of Commerce</b>			
EDA 2012 University Centers Grant : Innovista Center for Product Realization	11.RD	04-66-06677	121,622
Passed through programs from:			
Coastal Carolina University			
Consequences of Altered Temperature Regimes on the Reproduction, Survival, Growth, and Interactions of Two Key Estuarine Fauna	11.RD	31-2315-02	3,216
<b>University of South Carolina Research Foundation</b>			
Determining the Role of Estuarine Swashes on Water Quality Impairment Along the Grand Strand of South Carolina: Impacts of Land Use and Stormwater Runoff	11.RD	11-037	202,031
Developing a Low Impact Development Manual for Coastal South Carolina to Serve as Guidance for Improved Storm water Management	11.RD	13-013	75,593
Integrated Modeling for the Assessment of Ecological Impacts of Sea Level Rise	11.RD	16206031-5	74,575
Integration of Coastal Observations and Assets in the Carolinas in Support of RCOOS Development in SECOORA	11.RD	515170-07-02	4,634
Self Powered Wireless Sensor Network for Structural Bridge Health Prognosis	11.RD	70NANB9H9007	253,113
Integrating Climate Science and Water Management in the Carolinas	11.RD	NA060AR4310007	7,162
North Inlet-Winyah Bay National Estuarine Research Reserve, Georgetown, S.X. Education and Training Center - Phase III - Exhibits	11.RD	NA06NPS4200041	414,736
Implementation of a Drought Mapping Tool in the Eastern United States	11.RD	NA08OAR4310648	27,297
OHHI 2008: Using Gene Expression Profiles of Estuarine Grass Shrimp (Palaemonetes Pugio) as Biosensors/Monitors of Coastal Ecosystem Health	11.RD	NA09NOS4730070	47,621
Long Daily Historical Climate Reconstructions for Southern Alaska	11.RD	NA09OAR4310089	19,413
North Inlet-Winyah Bay National Estuarine Research Reserve	11.RD	NA10NOS4200123	23,298
MERHAB 2009: Comparative Analysis of Quantitative Detection Methods for Enumeration of HAB Species: Applications for Resource Management	11.RD	NA10NOS4780141	119,019

**University of South Carolina**  
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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>U.S. Department of Commerce, continued</b>			
Enabling Coastal and Marine Spatial Planning in the South Atlantic through User Engagement, Comprehensive Data Management and Development of Spatial Decision Support Tools	11.RD	SAA.12(007)USC	14,624
North Inlet-Winyah Bay National Estuarine Research Reserve, Georgetown, S.X. Education and Training Center - Phase III - Exhibits	11.RD	NA06NOS4200041	566
North Inlet-Winyah Bay National Estuarine Research Reserve	11.RD	NA11NOS4200116	64,951
Continuing Support of the National Estuarine Research Reserve System Centralized Data Management Office	11.RD	NA11NOS4200149	172,448
Carolinas Integrated Sciences and Assessments	11.RD	NA11OAR4310148	527,323
MARFIN: Gray Triggerfish (Balistes Capricus) Life History in the South Atlantic Bight: The Extensive Collection and Analysis of New Data for Age, Growth, and Reproduction and the Comparison with Data From 1992-1997	11.RD	NA11NMF4330130	21,420
North Inlet-Winyah Bay National Estuarine Research Reserve	11.RD	NA12NOS4200101	523,008
Continuing Support of the NERR Centralized Data Management Office	11.RD	NA12NOS4200117	171,984
Development of a Genetic Spawning Stock Diversity Index for Western Atlantic Bluefin Tuna	11.RD	NA12NMF4720061	10,356
Integration of Coastal Observations and Assets in the Carolinas in Support of RCOOS Development in SECOORA	11.RD	515170-07-1	22,274
NIST Summer Undergraduate Research Fellowship Program	11.RD	70NANB12H079	2,000
7th International Workshop on Combinatorial Materials Science and Technology	11.RD	70NANB12H223	3,000
<b>South Carolina Sea Grant Consortium</b>			
Determining the Role of Stormwater Ponds as Sources of Bioreactive Organic Carbon and Nitrogen to the Coastal Zone	11.RD	M279	13,574
Implementation of Regional Integrated Ocean Observing Systems Support of RCOOS Development in SECOORA: HF Radar & SC Station Maintenance - FWRI (Year 3: 08/01/2010-07/31/2011)	11.RD	S661	9,136
Characterization of Wave and Current Energy Levels in Estuarine Waters for Ecological and Particulate Dispersion Studies: Case Study Winyah Bay, SC	11.RD	M269	16,603
Development of a Novel Genetic Approach to Rapidly Detect and Quantify Fish of Commercially Important Species: a New Tool for Fisheries Management	11.RD	M387	39,430
Assessing Aeration as a Means of Improving Storm water Pond Performance and Reducing Organic Loading to the Coastal Zone	11.RD	M379	52,891
Coastal Climate Extension Specialist Support	11.RD	M109A	2,241
Assessing Aeration as a Means of Improving Storm water Pond Performance and Reducing Organic Loading to the Coastal Zone	11.RD	M479	11,800
Development of a Novel Genetic Approach to Rapidly Detect and Quantify Fish Eggs of Commercially Important Species: a New Tool for Fisheries Management	11.RD	M487	16,624
Consequences of Altered Temperature Regimes on the Reproduction, Survival, Growth, and Interactions of Two Key Estuarine Fauna	11.RD	31-2315-01	10,033
<b>Consortium for Ocean Leadership</b>			
The Pacific Equatorial Age Transect: Expedition 320 of the Integrated Ocean Drilling Program	11.RD	T320A65	15,952
<b>Southeast Coastal Ocean Observing Regional Association</b>			
Southeast Coastal Ocean Observing Regional Association (SECOORA): Coordinated Monitoring, Prediction and Assessment to Support Decision-Makers Needs for Coastal and Ocean Data and Tools	11.RD	IOOS.11(033)	11,990
Southeast Coastal Ocean Observing Regional Association (SECOORA): Coordinated Monitoring, Prediction and Assessment to Support Decision-Makers Needs for Coastal and Ocean Data and Tools (Data Management & Communications)	11.RD	IOOS.11(033)USC	305,945
Southeast Coastal Ocean Observing Regional Association (SECOORA): An Environmental Monitoring and Assessment Program to Support Decision-makers Needs for Coastal and Ocean Data and Products: SC HF Radar & Rip-Current Modeling Tasks	11.RD	10OS.11(033)USC	20,567
Southeast Coastal Ocean Observing Regional Association (SECOORA): An Environmental Monitoring and Assessment Program to Support Decision-Makers Needs for Coastal and Ocean Data and Products - Water Quality Advisory Modeling	11.RD	IOOS.11(033)USC	5,259
Southeast Coastal Ocean Observing Regional Association (SECOORA): An Environmental Monitoring and Assessment Program to Support Decision-Makers Needs for Coastal and Ocean Data and Products - USC HF Radar	11.RD	IOOS.11(033)USC	27,158
<b>South Carolina Department of Natural Resources</b>			
Genetic Evaluation of Population Bottlenecks in GAG (Mycteroperca micropolepis)	11.RD	SCDNR FY2012007	15,000
<b>Total U.S. Department of Commerce</b>			<b>3,501,487</b>
<b>U.S. Department of Defense</b>			
IPA for Hongmei Zhang with WJB Dorn VA Medical Center	12.RD	WJB DORN VA MED	21,077
IPA Agreement for K. GANDY	12.RD	WJB DORN VA MED	10,410
<b>Passed through programs from:</b>			
<b>University of South Carolina Research Foundation</b>			
Robust and Principled Visual Intelligence	12.RD	4104-37298	113,603
Thermal Control of Flow-Processing in Rigid-Rod Nano-Composites	12.RD	5-36925	12,904
Strategic Environmental Research and Development Program - Phase 2	12.RD	6-321-0210294	6,969
High Performance Integrated Insulated-Gate III-Nitride RF Switches	12.RD	A12026	38,836
Calibration of Computational Predictive Model for Implosion Problems	12.RD	ASI01.USC022012	7,953
High Performance Computer Tool for Predictions of Fatigue Crack Growth and Stable Crack Extension in Aero-structures	12.RD	CORRELATED SOLU	95,568

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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>U.S. Department of Defense, continued</b>			
DEPSCOR 08 - Polymer Nanocomposites as Future Materials for Defense and Energy Applications:			
N122-110 Innovative Structural Health Monitoring (SHM) System Capable of Detecting, Localizing, and Characterizing Damage in Composite Aircraft Structures	12.RD	F7220-12-SC1524	19,440
Optical Limiting Materials Based on Gold Nanoparticles	12.RD	FA9550-09-10246	80,059
DoD FY 2010 Defense University Research Instrumentation Proposal-(DURIP 10) - 3D Visualization of Highly Effective Compression and Evaluation of Geodetic Quantities	12.RD	HM01771210004	130,989
Rees Rings and Resolutions in Commutative Algebra	12.RD	H98230-10-10361	2,867
Homological and Positive Characteristic Questions	12.RD	H98230-11-10176	7,308
PANTS and SERMON Meetings in the Southeast	12.RD	H98230-12-10294	14,941
AllnN-GaN High Voltage Enhancement Mode HEMT for Power Converters-inverters. (Phase II SBIR)	12.RD	HQ0147-11-C7266	1,353
STTR: Phase 2 Capacity Fade of Lithium Ion Cells	12.RD	HQ0147-13-C7167	95,062
Friction Stir Processing for Mitigation of Pitting Corrosion and Stress Corrosion Cracking in Marine Aluminum Alloys	12.RD	N00014-09-10932	2,628
Development of High Quality 4H-SiC Thick Epitaxy for Reliable High Power Electronics Using Chlorinated Precursors	12.RD	N00014-10-10530	175,429
Simulation Methods for Design of Networked Power Electronics and Information Systems	12.RD	N00014-10-10625	443,917
Shipboard Power Technology Assessment	12.RD	N00014-10-10806	530,537
Block Copolymer Nanodielectrics-Towards High Energy Density Capacitors	12.RD	N00014-11-10191	66,044
Predictive Modeling of Structural Sensing for Navy Applications	12.RD	N00014-11-10271	111,384
Estimation of Salt and Fresh Water Transports in the Bay of Bengal using HYCOM	12.RD	N00014-11-10700	1,158
Block Copolymer Nanodielectrics-Towards High Energy Density Capacitors	12.RD	N00014-11-10191	24,973
Characterization and Modeling of Solid State Power Substation (SSPS)	12.RD	N00014-12-10985	72,051
Integrated Opto-Electronic Equipment for Autonomous Structural Health Monitoring Research	12.RD	N00014-12-10936	180,680
Development of Finite Element Modules for Modeling Strong Discontinuity-Based Cohesive Crack	12.RD	N00014-12-C0163	65,073
IEEE Electric Shop Technologies Symposium (ESTS13)	12.RD	N00014-13-10399	10,000
Multiscale Extended Finite Element Method for Failure	12.RD	N00014-13-10386	7,535
SPAWAR Economic Impact Analysis	12.RD	N65236-10-D6839	37,884
Quantum Cutting Core-Shell Nanocrystals for Enhanced Solar Cell Efficiency	12.RD	N66001-10-14031	17,426
AlGaN MQW Mid UV LEDs Over Sapphire and Bulk AlN	12.RD	NITEK/DARPA	116,454
Power Electronics, Architecture, Controls, and Design Tools for Electric Ship Systems.	12.RD	R00908	1,335,377
Low-loss High-Power Cryogenic RF Switches using III-Nitride MOSFETs Phase II	12.RD	SCT/DOD	25,354
Normally-OFF AllnN/GaN MISHFET with Composite Channel (SBIR Phase I)	12.RD	SENSOR ELECTRIC	6,097
Novel Defect Capped Planarization Assisted Growth (DC-PAG) Method to Eliminate Device Killing Defects in SiC Epitaxial Process (SBIR)	12.RD	SINMAT INC/AF	22,203
Development of Physics-based Predictive Computational Model for Submerged Implodable Payloads	12.RD	SP0005013-PROJ0	44,904
Activation of Hh Signaling: A Critical Biological Consequences of ETS Gene Anomalies in Prostate Cancer (FY09) Fort Jackson Identifying Health Barriers Project: Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD)	12.RD	W81XWH-10-10125	45,825
{FY09} Fort Jackson Identifying Health Barriers Project: Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD)	12.RD	W81SWH-09-20117	7,747
{FY09} Fort Jackson Identifying Health Barriers Project: Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD)	12.RD	W81XWH-09-20117	231,902
{FY09} Fort Jackson Identifying Health Barriers Project: Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD) (Carryover of Year One Funds from 11590-FA32)	12.RD	W81XWH-09-20117	411
Synthetic Lectins: New Tools for Detection and Management of Prostate Cancer	12.RD	W81XWH-12-10280	112,942
Model Classes, Approximation, and Metrics for Dynamic Processing of Urban Terrain Data	12.RD	W911NF-07-10185	340,514
PWAS EMIS-ECIS Active Carbon Filter Residual Life Estimation Methodology	12.RD	W911NF-11-10210	59,921
Investigation of Microbe-based Proton Exchange Membranes (MPEMs) for Microbial Fuel Cells (MFCs)	12.RD	N00014-11-10873	69,694
Testing of Eight Late Discoveries, U.S. Army Garrison, Fort Jackson, South Carolina	12.RD	W9126G-12-20023	61,141
Herpetofaunal Survey and Eastern Diamondback Rattlesnake (EDB) Monitoring and Tracking	12.RD	W9126G-11-20073	2,523
Foundations of Broadband Multifunctional Metamaterials Inspired by the Analogy of Formation	12.RD	W911NF-12-10138	36,266
Underwater Explosive Detection with a Combined Tunable UV and 532nm Laser Excited Raman Sensors	12.RD	MA120020	137,941
Support for the Preparation of Phase 1 Proposal - STTR	12.RD	QUALLION/DOD	14,882
Ensemble-Based Modeling of Large Graphs and its Applications to Social Networks	12.RD	ND-202016	176,288
Northern Indian Ocean Salt Transport (NIOST): Estimation of Fresh and Salt Water Transports in the Indian Ocean Using Remote Sensing, Hydrographic Observations, and HYCOM Simulations	12.RD	N00014-12-10454	128,257
Multiscale Model for Micromechanics-Based Prediction of Material Surface Behavior due to Extreme Hydrodynamic Loads	12.RD	N00014-11-10925	55,854
Investigation of Distributed versus Centralized Control of Power Electronic Converters in a Naval Test System	12.RD	N00014-11-10529	214,306
USC Participation in the AUFOS NICOP Project with Australia	12.RD	N00014-12-10653	98,773
Mechanisms of Enhanced Flow Boiling with High Frequency Self-Modulated Microbubble-Switched Oscillations	12.RD	N00014-12-10724	110,858
Characterization of Heavy Metals in Fauna Collected from Small Arms Firing Ranges at Parris Island, SC	12.RD	W9126G-11-20070	9,286
Analysis Completion Funding Data Recovery at Two Sites on Fort Jackson, Richland County, South Carolina	12.RD	W9126G-11-20062	38,737
Estonian Defense Community HIV/STI Education and Prevention Program	12.RD	N00244-11-10007	291,158
Gas Detectors Based on Functionalized III-V Semiconductors	12.RD	41953-092712-03	26,675
Towards Water-Free Biologics	12.RD	3002059600	117,393
Models and Self Calibrating Standoff Sensing Approach for Drive Train Prognostics	12.RD	4204374274E	23,058
Developing Predicting Capability for Nanoparticle Aggregation and Aggregate Structure Evolution in Biologically Relevant Systems	12.RD	733448	23,005
Predictive Sensing for Space Applications	12.RD	FA9550-11-10133	102,748
Metallic Material Image Segmentation by Using 3D Grain Structure Consistency and Intra/Inter-Grain Model Information	12.RD	FA9550-11-10327	122,699
Multiscale Mathematics for Nano-Particle-Endowed Active Membranes and Films	12.RD	FA9550-12-10178	208,716
Polynomial Problems in Analytic Number Theory	12.RD	H98230-12-10240	11,726
High Power and Long Life SOFC Systems Powered by JP-8	12.RD	N66001-11-14140	109,812
Vitamin D and Related Genes, Race and Prostate Cancer Aggressiveness	12.RD	W81XWH-11-10568	297,550

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**Schedule of Expenditures of Federal Awards**  
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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>U.S. Department of Defense, continued</b>			
UV Spatial Heterodyne Spectrometer for the UH Applied Research Laboratory (ARL)	12.RD	ZA01339-01	72,599
SBIR topic - AF093-179 Built-In Damage State Detection and Localization Capabilities for Composite Engine Structures (Phase II)	12.RD	A711030012SC200	98,393
Reconfigurable Pixel Based Conformal Load Bearing Antenna Structures (CLAS)	12.RD	12-S2603-04-C01	59,756
Liquid-Fueled Solid Oxide Fuel Cells	12.RD	W911NF-11-C0072	67,133
Professional Development Training and Support Fellowship	12.RD	1182583	2,979
Nano-Lubricant/Fluid for Improved Weapons Systems	12.RD	NEI CORP	7,197
Collaborative DoD DURIP Proposal: A Distributed Platform for Capturing, Analyzing, and Combating Botnet Attacks	12.RD	FA9550-09-10165	15,496
<b>South Carolina Adjutant General's Office</b>			
Development of Website and Public Display Content and Layout for the SCARNG: Part 2 of the Armory Mitigation Project	12.RD	4100036633	34,488
On-Site Graduate Assistant for Cultural Resource Management at McCrady Training Facility (South Carolina Military Department)	12.RD	4100036632	18,036
<b>South Carolina National Guard</b>			
US Army Aviation and Missile Commands - Condition Based Maintenance Program:			
Tail-Rotor and Main-Rotor Swashplate Assembly Testing	12.RD	W912QG-08-D0001	279,792
Achieving CBM Goals: Effects of Controlling Vibration on AH-64D Apache Operating Costs and Readiness Rates (CLIN 0011)	12.RD	W912QG-08-D1001	94,486
US Navy CBM: Osprey V-22 Data Ontology and Classification Framework (CLIN 0002)	12.RD	W912QG-08-D0001	147,551
US Army CBM: Advanced Sensing, Data Fusion and Improved Condition-Indicators (CLIN 0012)	12.RD	W912QG08D1001DU	321,734
Condition Based Maintenance V22	12.RD	W912QG08D0001DU	99,888
<b>Benedict College</b>			
Materials Development and Mechanism Exploration of Novel MC/BZY Proton Conductor for Low Temperature Solid Oxide Electrochemical Cells	12.RD	W911NF-10-R0006	67,727
<b>Clafin University</b>			
Design, Synthesis, and Study of New Metal-Organic Frameworks Built from Multifunctional Ligands	12.RD	W911NF-11-10225	30,580
<b>Florida State University</b>			
FY 2012 - Additional MVDC Tasks - The Swampworks Program	12.RD	N00014-12-10843	137,000
<b>Medical University of South Carolina</b>			
Junior Doctors of Health - DOD	12.RD	MUSC12-114	21,409
<b>Texas A &amp; M University</b>			
High Carrier Density, Fast Switching Microscale Plasma Devices Enabled by Exploitation of Plasma Instabilities and High Pressures	12.RD	W911NF-12-10007	59,477
<b>Fermilab</b>			
LBNE Research with Liquid Argon	12.RD	607746	7,771
<b>NNC Nano - Nova Centrix</b>			
Low Temperature Photonic Sintering for Ceramic Coated Heat Exchangers	12.RD	NNC NANO NOVACE	24,995
<b>South Carolina Research Authority</b>			
Exercise: A Novel Treatment for Combat PTSD	12.RD	W81XWH-08-20159	112,914
CDMRP TBI/PTSD Study Site	12.RD	2009-115	65,006
<b>Total U.S. Department of Defense</b>			<b>9,091,462</b>
<b>U.S. Department of Interior</b>			
<b>Passed through programs from:</b>			
<b>South Carolina Department of Natural Resources</b>			
Assessing Introgressive Hybridization Within and Habitat Requirements of Native South Carolina Redeye Bass ( <i>Micropterus coosae</i> )	15.RD	00780-94831	1,290
Identification of Refuge Areas for Genetically Pure Redye Bass <i>Micropterus coosae</i> in Savannah Basin Streams	15.RD	P24015405413	4,349
<b>South Carolina Research Foundation</b>			
Synthesis of High and Low Marsh Habitat Mapping and Responses to Sea-Level Rise in the South Atlantic Region	15.RD	A130120-S002	3,424
Archaeological Services at Williamson's Plantation	15.RD	YCHM/NPS	2,291
Benthic Boundary Layer Sediment Transport in the Carolinas	15.RD	G03AC00007	37,409
Preservation and Access: The Archaeology of Slave Life at Vaughan and Curriboo, SC	15.RD	ST-03-10-001010	51,193
Identifying and Integrating Optimal Cultural and Natural Sustainability Strategies For the South Atlantic Landscape Conservation Cooperative Region	15.RD	F11AC01185	8,111
Sediment Trapping Program in the Gulf of Mexico	15.RD	G11PX01039	13,151
Reconnaissance Study of Sherman's Campaign Through South Carolina	15.RD	P10AP00317-0001	724
Reconnaissance Study of Sherman's Campaign Through South Carolina (Year2)	15.RD	P11AP60947-0001	19,228
Ackia and Ogoula Tchetoka: Defininf Two 1736 Battlefields of the French-Chickasaw War, Tupelo Mississippi	15.RD	P11AP60946-0001	25,410
Ecological Characterization of Bioluminescence in Mangrove Lagoon, Salt River Bay, St. Croix, USVI	15.RD	P12AC11254	85,615
Assess the Distribution and Status of Champion Trees at Congaree National Park, CESU	15.RD	P12AC11171-0001	5,844
The Archeology of Civil War Naval Operations at Charleston Harbor	15.RD	P11AP60487-0001	2,530
Climate Change-Induced Changes in Flow Regime, Floodplain Inundation and Species Habitats at Congaree National Park	15.RD	P10AC00530-0002	27,292
Plant Specimen Preparation for United States Park Service	15.RD	P10AC00534-0001	1,361
Climate Change-Induced Changes in Flow Regime, Floodplain Inundation and Species Habitats at Congaree National Park	15.RD	P10AC00530-001	54,959
Magnitude and Pattern of Floodplain Sedimentation in the Bates Fork Tract, Congaree National Park - CESU	15.RD	P11AC91083-0001	12,961
Natural and Cultural History of the Congaree River Floodplain, Congaree National Park, South Carolina	15.RD	J524010016	3,166
An Expansion of the Herpetofauna Inventory at Santee National Wildlife Refuge	15.RD	F13PX00841	2,115
<b>Total U.S. Department of Interior</b>			<b>362,423</b>

**University of South Carolina**  
**Schedule of Expenditures of Federal Awards**  
**For the year ended June 30, 2013**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>U.S. Department of Justice</b>			
<b>Passed through programs from:</b>			
<b>South Carolina Research Foundation</b>			
Women's Pathways to Jail	16.RD	10-358C	3,531
Building Bridges between Police Researchers and Practitioners: Agents of Change in a Complex World	16.RD	2009-IJ-CX-0204	29,600
Evaluation of Statistical Measures for Fiber Comparisons: Interlaboratory Studies and Forensic Databases	16.RD	2010-DN-BX-K220	77,118
Validation of Forensic Characterization and Chemical Identification of Dyes Extracted from Millimeter-length Fibers	16.RD	2010-DN-BX-K245	136,871
Assessing the Relationship between Exposure to Violence and Inmate Maladjustment Within and Across State Correctional Facilities	16.RD	2011-IF-CX-0003	13,949
Evidence-Based Solutions to Reduce Law Enforcement Officer Vehicular Crashes	16.RD	2011-DJ-BX-3497	34,951
Multimode Imaging in the Thermal Infrared: Validation for Blood, Extension to Latent Prints	16.RD	2011-IJ-CX-K055	219,105
The Impact of Incarceration on Families: A Single-Jurisdiction Pilot Study Using Triangulated Administrative Data & Qualitative Interviews	16.RD	2012-IJ-CX-0034	49,463
Evidence-Based Solutions to Reduce Law Enforcement Officer Vehicular Crashes	16.RD	2012-DB-BXK002	51,303
<b>Medical University of South Carolina</b>			
Internet Crimes Against Children: Development of a Typology of Offenders for Use in Prevention, Investigations, and Treatment	16.RD	MUSC11-088	19,817
Internet Crimes Against Children: Development of a Typology of Offenders for Use in Prevention, Investigations, and Treatment	16.RD	MUSC11-062	46,249
Internet Crimes Against Children: Development of a Typology of Offenders for Use in Prevention, Investigations, and Treatment	16.RD	MUSC12-060	48,908
<b>Total U.S. Department of Justice</b>			<b>730,865</b>
<b>U.S. Department of Transportation</b>			
<b>Passed through programs from:</b>			
<b>South Carolina Department of Transportation</b>			
Behavior of Pile to Pile-cap Connections Subjected to Seismic Forces	20.RD	672	126
IBRD Program: In-Situ Monitoring of Precast Approach Slabs	20.RD	1534/445L2EBR44	26,000
Investigation of the Performance and Benefits of Deck Tee Bridge Girders for Accelerated Construction	20.RD	36Q100BR36020	68,560
A GIS-based Mitigation Forecasting Tool and Study on Advanced Mitigation Processes used by DOTs	20.RD	1584	29,403
<b>Claremont Graduate University</b>			
Improving Emergency Medical Services with Information Technology: Field Test of CrashHelp in Idaho	20.RD	217-2141575-01	47,485
<b>Clemson University</b>			
Support for the Development and Implementation of an Access Management Program through Research and Analysis of Collision Data	20.RD	1675223-2009400	2,897
Integration of the Incident Command System (ICS) Protocol for Effective Coordination of Multi-Agency Responses to Traffic Incidents	20.RD	16322232008983	20,807
<b>Total U.S. Department of Transportation</b>			<b>195,278</b>
<b>National Aeronautics and Space Administration</b>			
Determination of Available Water Capacity for the Mekong River Basin using model, satellite and ground observations	43.RD	NNX13AD18G	42,519
Debra Wallace Assignment Agreement	43.RD	NASA	70,852
<b>Passed through programs from:</b>			
<b>College of Charleston</b>			
Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability	43.RD	521000-USC	59,431
Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions	43.RD	520880CHENEPSCO	183,412
Development of Rapid Cycle Pressure Swing Adsorption Oxygen Concentrators for Extraterrestrial Applications	43.RD	USCEPSCORRITTER	32,054
NASA EPSCoR Augmentation Travel Support	43.RD	20NE-USC-HUANG	3,603
SC NASA EPSCoR Augmentation Travel Award	43.RD	20NE-USC-CHEN-T	3,750
Travel Augmentation for NASA EPSCoR	43.RD	20-NE-USC REYNO	2,670
SC NASA EPSCoR Augmentation Travel Award	43.RD	20-NE-USC-RITTE	3,750
USC-SC Space Grant Consortium Award	43.RD	20-SG-USC-BULUS	1,403
Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions	43.RD	20-SG-USC-CHEN	3,620
NASA EPSCoR Review	43.RD	SCEPSCOR-520829	10,000
<b>South Carolina Department of Social Services</b>			
Unraveling the Effect of Microgravity on Bone Formation	43.RD	520589	10,000
<b>South Carolina Research Foundation</b>			
Interstellar Dust in Distant Galaxies: A Spitzer Study of Dusty Damped Lyman-alpha Absorbers	43.RD	1349008	13,743
The Application of Remotely Sensed Data and Models to Benefit Conservation and Restoration Along the Northern Gulf of Mexico Coast	43.RD	03460-06	842
Polymer-Grafted Platelet Nanocomposites for Engineered Materials and Structures in Extreme Environments	43.RD	20SG-USC PLOEHN	30,000
Development of Pressure Swing Adsorption Technology for Spaceflight Medical Oxygen Concentrators	43.RD	NCC-9-58-374	107,949
Ecological Forecasting and Hindcasting of Biodiversity Responses to Climate Change: From MODIS to Mussels	43.RD	NNX07AF20G	16,861
Aiding Mobile Bay, AL Conservation and Restoration with Landsat Data from 1974-present	43.RD	NNX10AC57G	11,084
The Use of Geospatial and Remotely Sensed Data and Technology in State- and Representative Federal/Local Level Hazard-Related Offices	43.RD	NNX10AT96G	850
ICESCAPES 2011-2014	43.RD	NNX11AF65G	120,798
Downscaling of Passive Microwave Soil Moisture Using Vegetation and Surface Temperature	43.RD	NNX12AP75G	112,430
Physiological Impacts of Climate Change Using Remote Sensing	43.RD	NNX11AP77G	431,982
Unmanned Aircraft Systems (UAS) Research: The AG Channel, Robust Waveforms, and Aeronautical Network Simulations	43.RD	NNX12AR56G	46,188
Molecules in the Distant Universe: Herschel Spectroscopy of Damped Lyman-alpha Quasar Absorbers	43.RD	1427151	11,776

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**Schedule of Expenditures of Federal Awards**  
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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Aeronautics and Space Administration, continued</b>			
Rings of Fire: A Spitzer IRAC Study of Polar Ring Galaxies	43.RD	1438611/710076	1,745
Sub-Damped Lyman-alpha Absorbers at $z < 0.6$ : An Unexplored Terrain In the Quest for Cosmic Metals	43.RD	HST-GO-1253601A	1,164
<b>South Carolina Space Grant Consortium</b>			
South Carolina Space Grant Consortium Graduate Fellowship - for Ms. Eileen Miller	43.RD	520589	8,592
Performance & Durability of Electrodes for PEM Fuel Cells in Spac Applications	43.RD	520589	10,000
Calibration and Validation of SMOS and Aquarius Ocean Salinity data	43.RD	520589	3,099
Estimation of Fresh and Salt Water Transports in the Indian Ocean using NASA Aquarius Sea Surface Salinity Data	43.RD	520589	5,927
Novel Nanostructure Materials for Sensing Applications	43.RD	520589	6,567
Novel Electrode Design for Unitized Regenerative Solid Oxide Fuel Cell	43.RD	520711	2,002
Compact Adsorption Systems for Extracting EVA Oxygen from Spacecraft and Habitat Air	43.RD	520829	15,006
Novel Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions	43.RD	19-SG-USC-CHEN	7,800
<b>Total National Aeronautics and Space Administration</b>			<b>1,393,469</b>
<b>National Endowment for the Humanities</b>			
Liberty is Sweet: An Integrated History of the American Revolution	45.RD	FB-56562-12	37,800
<b>Passed through programs from:</b>			
<b>South Carolina Research Foundation</b>			
Community Voices: A Survey of SC Tradition Bearers	45.RD	12-5500-7048	20,544
NASA EPSCoR 2010: Fundamental and Applied Studies in Friction Based Consolidation and Extrusion of Finely Divided Metals	45.RD	520879-USC	293,274
History Simulation for Teaching Early Modern British History	45.RD	HD-51230-11	548
Making the Digital Humanities More Open: NEH Start Up, Level 2	45.RD	HD-51556-12	33,975
An Open Source Application for Image-Based Digital Reproduction of Optical Film Sound (Summary)	45.RD	PR-50122.11	84,947
PARAGON: Intelligent Digital Collation and Difference Detection	45.RD	HK-50032-12	69,343
State and Magnetic Tape	45.RD	LG-06-12-056912	58,298
Assessing the Value of Public Library Services: A Review of the Literature and Meta-Analysis (META)	45.RD	RE-04-08-0047	17,852
High Performance Computing Collaboratory	45.RD	HT-50046-11	205,435
McKissick Museum: Natural Science Collections Inventory & Cataloging Project	45.RD	MA-05-11-031911	75,077
The Spenser Project	45.RD	WU-HT-10-52	12,566
<b>The Humanities Council SC</b>			
Palmetto Connections Symposium 2012: "A Land Called Chicora"	45.RD	12-1474-2	500
<b>Total National Endowment for the Humanities</b>			<b>910,159</b>
<b>National Science Foundation</b>			
NSF Graduate Fellowship - Jennifer Fill	47.RD	0929297	41,871
NSF Graduate Fellowship - Benjamin Toscano	47.RD	0929297	37,661
The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling	47.RD	1250641	10,466
CAREER: PRUGC---Phylogenetic Reconstructions with Unequal Gene Contents	47.RD	1253614	27,982
Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton	47.RD	1260134	32,556
The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease	47.RD	1261682	14,499
Doctoral Dissertation Research: Beliefs, Attitudes, and Intended Tornado Sheltering Strategies of Mobile Home Residents	47.RD	1301822	114
Doctoral Dissertation Research: The Meaning of Place Recovery on the Mississippi coast	47.RD	1301830	328
Defect Engineered Graphene Gate in a Subthreshold SiC MESFET for Emissions Sensing	47.RD	1309466	4,717
Scientific Advocate Network (SAN) - SC EPSCoR/IDeA 12-103 (Increasing Access to and Expertise in Computational Chemistry)	47.RD	1317771	600
Grants for Exploratory Academic Research (GEAR) - A Combined Experimental and Modeling Approach to Identify the Molecular Basis for the Stem Cell Spheroid Fusion and Vascular Maturation	47.RD	1317771	60,000
Grants for Exploratory Academic Research (GEAR) - Mechanical Characterization and Constitutive Modeling of BVCS	47.RD	1317771	41,368
Grants for Exploratory Academic Research (GEAR) - Mechanical and Histological Characterization of Native Vasculature	47.RD	1317771	49,681
NSF EPSCoR Research Infrastructure Improvement (RII) Track 1	47.RD	1317771	5,918
In Silico Analysis of Multicellular Aggregate Fusion Using Field and Agent-Mased Models	47.RD	1317771	48,747
NSF EPSCoR Research Infrastructure Improvement (RII)	47.RD	1317771	412,011
EAGER: Exploring a New Bi-Ionic Transport Mechanism in Dual-Phase Electrochemical CO2 Separstion Membranes	47.RD	1340269	35,857
<b>Passed through programs from:</b>			
<b>Clemson University</b>			
Research on Gender in Science and Engineering	47.RD	1568206-2008648	5,309
<b>Georgia Institute of Technology</b>			
BPC-A: Expanding Computing Education Pathways (ECEP) Alliance	47.RD	RD199-G1	8,971
<b>Ohio University</b>			
Power-Efficient Reconfigurable Wireless Network-on-Chip (NoC) Interconnects for Future Many-core Architectures	47.RD	UT17212	25,753
<b>South Carolina State University</b>			
SCAMP Phase II: Strengthening and Expanding the STEM Pipeline: A Pathway to Success	47.RD	11-581004SCAMP	105,979
<b>South Carolina Emergency Management Division</b>			
Doctoral Dissertation Research: The Impact of Paper Versus Digital Map Technology on Students' Spatial Thinking Skill Acquisition	47.RD	1201873	5,671
<b>South Carolina EPSCoR</b>			
Biolumida Image Software (MBF) Bioscience to Support and Deliver a State-wide Online Histology Course (BIOLJ530)	47.RD	1317771	32,990
SAN: Student and Faculty Exchange Program Between Claflin University and the University of South Carolina	47.RD	1317771	84
Grants for Exploratory Academic Research (GEAR) - Engineered Bydrogel Matrix for Cell Printing	47.RD	1317771	40,000
Computational Science at th University of South Carolina Beaufort	47.RD	1317771	83,830
A Multifunctional Far-Field Nanoscopic System for Biofabrication	47.RD	1317771	28,124
<b>South Carolina Research Authority</b>			
Virtual Server to Support an Online Histology Course (BIOLJ530)	47.RD	20030194	6,000
Computational Science at th University of South Carolina Beaufort	47.RD	20030194/TO0084	25,886
Experimental Program to Stimulate Competitive Research & Institutional Development (RII)	47.RD	20030194/TO0085	86,573
ARRA - An ESCoR Desktop to Teragrid Ecosystem: Integrating Campus-based with National Cyberinfrastructure in a Flat World	47.RD	20030194/TO0086	12,105



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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Science Foundation, continued</b>			
ARRA - EPSCoR RII Cyber Connectivity Proposal (RII C2)	47.RD	20030194/TO0096	741,264
SCRA/USC Agreement for EPSCoR Director	47.RD	SCRA/NSF	33,220
High Resolution Optical Microscope to Support the Single Crystal Facility at Claflin University	47.RD	20030194/TO0117	6,000
SAN: Student and Faculty Exchange Program Between Claflin University and the University of South Carolina	47.RD	20030194/TO0119	57
Minority Undergraduate Research on Nickel Toxicity Mechanisms	47.RD	20030194/TO0120	5,340
Power Efficiency Instrumentation for DSP-Based Supercomputing	47.RD	20030194/TO0121	6,000
A Multifunctional Far-Field Nanoscopic System for Biofabrication	47.RD	20030194/TO0107	17,601
GEAR Grant 10-105: Thrust III Request: Infrastructure for Geometric and Mechanical Characterization of Native and Remodeling Vasculature	47.RD	20030194/TO0103	11,101
<b>South Carolina Research Foundation</b>			
Plum Island Ecosystems LTER	47.RD	40618/1058747	45,245
Nanotechnology in Society Network Node: Imaging, Scientific Change and Public Understanding of Emerging Nanotechnologies	47.RD	0531160	37,121
Collaborative Research: Regional Ocean-Benthic Observatory and Technology Test bed on the Mid-Shelf- Understanding Processes	47.RD	0535893	47,612
CUORE: Phase 1 Construction and Crystal Bolometer Research and Development	47.RD	0605119	128,095
Career: Assessment of the Structural Novelty of an Unknown Protein Using Unassigned Residual Dipolar Coupling Data	47.RD	0644195	225,315
NSF REU Supplement to Existing Career Grant (MCB-0644195): Assessment of the Structural Novelty of an Unknown Protein Using Unassigned Residual Dipolar Coupling Data	47.RD	0644195	2,940
Synthesis of Functional Composite Nanofibers Templated by 1D Self-assembly of Tobacco Mosaic Virus	47.RD	0706431	70,332
Collaborative Research: Groundwater Dynamics of a Barrier Island	47.RD	0711301	24,975
Effects of Inquiry-based Teaching Experiences on Graduate Students Research Skill Development	47.RD	0723686	2,358
PIRE: Modeling of Flood Hazards and Geomorphic Impacts of Levee Breach and Dam Failure	47.RD	0730246	337,931
Collaborative Research: IPY: Testing the Polar Gateway Hypothesis: An Integrated Record of Drake Passage Opening and Antarctic Glaciation	47.RD	0732995	22,004
Role of the COP9 Signalingosome in its Subunit CSN5 for Regulation of MAPK Pathways and Defense Responses in Tomato	47.RD	0745545	27,718
REU Supplement - Role of the COP9 Signalingosome and its Subunit CSN5 in the Regulation of MAPK Pathways and Defense Responses in Tomato	47.RD	0745545	3,777
CAREER: Diagnostics and Prognostics of Electric Cables in Aging Power Infrastructure	47.RD	0747681	51,554
CAREER: Development of Hierarchical Plant Virus Assemblies for Probing Cell-Matrix Interactions	47.RD	0748690	114,056
CAREER: Extracting and Understanding Complex Patterns in Spatial Interactions - A Computational - Visual Framework	47.RD	0748813	54,918
Collaborative Research: The Cariaco Basin Oceanographic Time Series Program	47.RD	0752037	106,549
Collaborative Research: Oceanic Applications of Laser Induced Breakdown Spectroscopy: Laboratory Validation	47.RD	0752664	3,162
Theoretical Studies of Hadronic and Nuclear Dynamics	47.RD	0758114	9,170
Development and Implementation of Staggered BEM-FEM for the Assessment of Vibrations Induced by High Speed Time	47.RD	0800414	1,517
Collaborative Research: Exploration of the Mechanistic Basis and Biogeochemical Implications of Differential Nutrient Limitation among Trophic Levels	47.RD	0816489	3,320
Mechanistic and Structural Studies of Novel Heme-Containing Enzymes	47.RD	0820456	105,239
REU Supplement: Mechanistic and Structural Studies of Novel Heme-Containing Enzymes	47.RD	0820456	104
The Neural Basis of Processing Discourse Reference	47.RD	0822617	33,218
Extreme Diversity among Caulobacter Phages	47.RD	0826792	15,516
Collaborative Research (ETBC): Climate Warming and Northern Peatland Decomposition, Accumulation and Carbon Sequestration Examined Through Molecular and Paleohydrological Analysis	47.RD	0843417	97,566
CAREER: Design Automation for High-Performance Reconfigurable Computing	47.RD	0844951	87,538
REU Supplement: CAREER: Design Automation for High-Performance Reconfigurable Computing	47.RD	0844951	12,696
ARRA - CAREER: Computational Analysis and Prediction of Genome-wide Protein Targeting Signals and Localizations	47.RD	0845381	142,133
CAREER: THAWS--Towards Highly Available Wireless Services	47.RD	0845671	82,946
CAREER: THAWS--Towards Highly Available Wireless Services (REU Supplement)	47.RD	0845671	8,225
Oxide-supported Bimetallic Au-Pt Clusters as Catalysts for Epoxidation and Oxidation Reactions	47.RD	0845788	57,814
ARRA - CAREER: Integrated Modeling for Watershed Management	47.RD	0846244	144,666
ARRA - CAREER: Cooperative Human-Computer Model Updating Cognitive Systems (MUCogS)	47.RD	0846258	113,142
CAREER: (REU Supplement) Cooperative Human-Computer Model Updating Cognitive Systems (MUCogS)	47.RD	0846258	191
ARRA - CAREER: InN Nanowire Based Multifunctional Nano cantilever Sensors	47.RD	0846898	85,381
REU-CAREER: InN nanowire based multifunctional nanocantilever sensors	47.RD	0846898	7,529
RET: CAREER: InN nanowire based multifunctional nanocantilever sensors	47.RD	0846898	2,281
GRS: CAREER: InN nanowire based multifunctional nanocantilever sensors	47.RD	0846898	18,482
CAREER: Spin-Polarized Currents in Nanostructures	47.RD	0847159	40,906
Collaborative Research: Investigating Bacteria-Surface Interactions by Surface Engineering and Mathematical Modeling	47.RD	0849317	14,328
Collaborative Research: Volcanic Eruptions on the Galapagos Spreading Center: Effect of Variable Magma Supply on Eruption and Magma Chamber Processes on Mid-Ocean Ridges	47.RD	0849711	42,066
Collaborative Research: Photo degradation of Dissolved Organic Matter and its Contribution to Surface Water CO2 fluxes and the Carbon Cycle in a River Dominated Ocean Margin	47.RD	0850653	2,725
REU SITE: Collaborative Research: International REU Program in Smart Structures	47.RD	0851671	35,655
ARRA - REU Site: Sustainable Energy in Chemical Engineering	47.RD	0851997	507
Savannah Valley Frontier Project	47.RD	0852686	1,981
Collaborative Research: Preparation, Characterization, and Evaluation of Bimetallic Catalysts Using Electroless Deposition Methods for the Selective Oxidation of Biomass-Related Alcohols	47.RD	0854339	6,100
GRS: Preparation, Characterization, and Evaluation of Bimetallic Catalysts Using Electroless Deposition Methods for the Selective Oxidation of Biomass-Related Alcohols	47.RD	0854339	671
CUORE and MAJORANA: Next Generation Neutrino-Less Double-Beta Experiments	47.RD	0855314	149,174
ARRA - The Study of Nuclear Physics with Intermediate Energy Probes	47.RD	0856010	467,284
Simulation of Neutrino Interactions in a Water Cherenkov Detector art DUSEL	47.RD	09-000769	18,061
Harmonic Mass Forms	47.RD	0901068	5,051
ARRA - Collaborative Research: Understanding Whole-genome Evolution through Petascale Simulation	47.RD	0904179	108,644
Application of Greedy Approximations in Numerical Integration and Learning Theory	47.RD	0906260	162
ARRA - Collaborative Research on Mathematical Constructs for Multiphase Complex Fluids	47.RD	0908330	92,857

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**Schedule of Expenditures of Federal Awards**  
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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Science Foundation, continued</b>			
ARRA - Damped and Sub-damped Lyman-Alpha Absorbers: What Are They, and What Do They Tell Us About Galaxy Evolution	47.RD	0908890	94,073
A Molecular Balance for Studying the Non-Covalent Interactions of Aromatic Surfaces	47.RD	0911616	124,774
ARRA - Study on Algorithms and Applications of Centroidal Voronoi Tessellations	47.RD	0913491	36,647
Collaborative Research: An ATD Proposal: Fast Point Cloud Surface Reconstruction Algorithms	47.RD	0915104	5,711
AF: Small: Computational Complexity from Physical Constraints	47.RD	0915948	45,851
ARRA - NETS: Small: RUI: Dynamic Indoor Location Computing and Benchmarking	47.RD	0916012	29,790
TC: Small: Dynamic Early Filtering of Botnet Garbage Traffic	47.RD	0916857	37,676
ARRA - NeTS: Small: Collaborative: Transmission Re-Ordering in Wireless Networks: Protocols and Practice	47.RD	0917020	27,425
Collaborative Research: Integrating Iron Uptake and Distribution in Plants	47.RD	0919739	29,009
ARRA - Regulation of Meristem Function by AIL Proteins	47.RD	0922367	86,604
ARRA - Fairness and the Provision of Public Goods	47.RD	0925165	455
Exact Modeling of Power and Energy Transduction for Optimum Design of Structurally-Integrated Thin-Film Active Sensors	47.RD	0925466	11,793
ARRA - Novel Experimental and Theoretical Approaches to Understand Biomechanics of Atherosclerotic Plaque Rupture	47.RD	0926301	95,617
Collaborative Research: GEOTRACES Atlantic Section: Trace Element Sources and Sinks Elucidated by Short-Lived Radium and Thorium Isotopes	47.RD	0926559	59,495
Environmental Signal Analysis: Monitoring the Impacts of Climate Change on Rocky Intertidal Ecosystem across a Cascade of Scales	47.RD	0926581	73,971
REU: Environmental Signal Analysis: Monitoring the Impacts of Climate Change on Rocky Intertidal Ecosystems across a Cascade of Scales	47.RD	0926581	1,125
Research Experiences for Undergraduates and Research Experiences for Teachers-Supplement of OCE 0926581	47.RD	0926581	16,667
Collaborative Research: US GEOTRACES North Atlantic Section - Nd Isotope Distribution: Sources, Sinks and Internal Cycling	47.RD	0926981	31,855
ARRA - Linking Infaunal Hydraulic Activities, Porewater Flow and Biogeochemical Processes in Marine Sediments	47.RD	0928002	83,160
ARRA - Collaborative Research: Serpentinization and Cycling of B, Nd and Sr in Submarine Hydrothermal Systems: An Experimental Study on the Effects of pH and Temperature	47.RD	0928280	6,839
Engineered Nanoparticles for Tumor Targeting	47.RD	0931998	1,667
ARRA - Multiscale Modeling of Bifunctional Catalysts for the Water-Gas-Shift Reaction	47.RD	0932991	3,248
Influence of Diameter and Chirality of Single-walled Carbon Nanotubes on Their Fate and Effects in the Aquatic Environment	47.RD	0933484	35,675
Influence of Diameter and Chirality of Single-walled Carbon Nanotubes on Their Fate and Effects in the Aquatic Environment	47.RD	0933484	60,956
ARRA - Collaborative Renewal Proposal: NSF Center for Friction Stir Processing I/UCRC	47.RD	0934319	61,028
ARRA - Collaborative Renewal Proposal: NSF Center for Friction Stir Processing I/UCRC (REU Supplement)	47.RD	0934319	25,792
ARRA - Collaborative Research: I/UCRC for Grid-Connected Advanced Power Electronic Systems	47.RD	0934378	117,791
CMG Collaborative Research - Geological Storage of Carbon Dioxide (CO2): New Simulation Approaches for Large-scale Modeling and Leakage Estimation	47.RD	0934747	115,213
ARRA - Creating Industry-Ready PhD Graduates	47.RD	0935039	1,999
Religious Reactions to Nanotechnology	47.RD	0951614	(486)
CAREER: Algorithms for Minimalist Robot Teams	47.RD	0953503	64,077
CAREER: Studying Flow Velocity Field in Nano fluids with a Far-Field Nanoscopic Velocimetry	47.RD	0954977	32,373
Sensors for Characterization of Phytoplankton Size and Taxonomic Composition Using Spectral Fluorescence Signatures and Imaging Multivariate Optical Computing (IMOC)	47.RD	0958831	297,168
QuasiNovo: An Information Theoretic Approach to De Novo Peptide Sequencing	47.RD	0959427	180,574
Social Values in Exchange Networks: An Experimental Test	47.RD	0954791	7,486
Development of Ultra-low Loading Platinum Alloy Cathode Catalysts for PEM Fuel Cells: Theoretical and Experimental Studies	47.RD	0966956	22,411
Development of High Performance Cathode for Intermediate-Temperature Solid Oxide Fuel Cells via Impregnation	47.RD	0967166	11,207
High Throughput Manufacturing of Carbine Nanowire-Carbon Microfiber Hybrid Structures and Polymer Composites from Cotton Textiles	47.RD	0968843	51,204
Self-Rising Approach to Synthesize Hierarchically Porous Mixed Ionic and Electronic Conducting Cathodes for Solid Oxide Fuel Cells	47.RD	1000068	129,197
Combinatorial Quasirandomness and its Applications	47.RD	1001370	17,340
WORKSHOP: New Horizons in Conflict System Analysis: Applications to the Middle East Fall, 2010: A Cross-Disciplinary Conference at the University of South Carolina	47.RD	1002460	300
Purification of the Ge-76 for the Majorcan Demonstrator	47.RD	1003399	141,913
REU Site: Multidisciplinary Research in Secure Computing	47.RD	1004899	68,375
Extremal and Probabilistic Combinatorics II	47.RD	1000475	22,658
REU Site: Biomolecular and Biomechanical Interactions	47.RD	1005138	68,134
Mechanistic Studies of Oxygen Electrodes with Simultaneous High Activity and Stability for Solid Oxide Fuel Cells	47.RD	1006113	56,542
ADVANCE IT-Catalyst Advancing USC STEM Faculty	47.RD	1008336	45,585
Ligand Design for Molecular and Supramolecular Control of the Structures of Metal Complexes: Investigations of Unusual Magnetic Properties	47.RD	1011736	78,304
Self-assembled Organic Nanotubes from Cyclic Ureas	47.RD	1012298	135,438
RI: Small: 3D Nonrigid Object Reconstruction from Large-Scale Unorganized 2D Images	47.RD	1017199	3,280
REU Supplement- RI: Small: 3D Nonrigid Object Reconstruction from Large-Scale Unorganized 2D Images	47.RD	1017199	2,250
NeTS: Small: Collaborative: PHY-Informed Networking (PHY-IN): Rethinking Wireless Protocol Design with the Knowledge of PHY	47.RD	1017276	110,487
REU Supplement: NeTS: Small: Collaborative: PHY-Informed Networking (PHY-IN): Rethinking Wireless Protocol Design with the Knowledge of PHY	47.RD	1017276	15,426
Mathematical Modeling and Computational Studies for Cell Signaling	47.RD	1019544	51,108
USCA Cognitive Neuroscience Learning Community	47.RD	1020906	62,302
Collaborative Research: STEM Real World Applications of Mathematics	47.RD	1020692	27,640
Collaborative Research: Places of Worship and the Politics of Citizenship: Immigrants and Communities of Faith in the New South	47.RD	1021666	18,248
Characterization of a Novel Nickel Metalloregulatory Protein, Yqjl	47.RD	1022288	151,289
REU: Characterization of a Novel Nickel Metalloregulatory Protein, Yqjl	47.RD	1022288	10,906
Collaborative Research: Implementing and Assessing Strategies for Environment for Fostering Effective Critical Thinking (EFFECTs) Development and Implementation	47.RD	1022971	83,805
Doctoral Dissertation Research in DRMS: Influence of Risk, Uncertainty, and Scale on Coastal Adaptation Priorities	47.RD	1023448	96
Doctoral Dissertation Research: Social Status and Performance on Mental Ability Tests	47.RD	1029741	2,709

**University of South Carolina**  
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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Science Foundation, continued</b>			
The Role of Host Proteins in HC-Pro Suppression of Silencing	47.RD	1029803	258,509
Synergistic Modeling: Manufacture and Design of 'Nano' Microstructures	47.RD	1030162	101,931
Collaborative Research: Plankton Community Composition and Tropic Interactions as Modifiers of Carbon Export in the Sargasso Sea	47.RD	1030345	124,378
Collaborative Research: Mixed Ionic Electronic Conducting Cathodes for Intermediate Temperature Solid Oxide Fuel Cells	47.RD	1030731	18,320
I/UCRC Fundamental Research: Gallium Nitride Optical Isolation for Wide Bandgap Power Electronic Systems: RET/V Supplement	47.RD	1031987	9,827
Ocean Acidification - Category 1: Real Time Assessment of Ocean Acidification Proxies and Their Incorporation in the Marine Sediment Record	47.RD	1039503	131,332
MRI: Acquisition of a Dispersive Raman Microscope for Spectroscopy and Imaging Applications of Novel Materials and Biological Samples	47.RD	1040041	10,113
Development of Multifunctional Far-Field Nanoscopic System for Multidisciplinary Research	47.RD	1040227	81,034
Ocean Acidification - Category 1: Identifying Adaptive Responses of Polar Fishes in a Vulnerable Ecosystem	47.RD	1040945	234,019
NUE: Nano in Global Context for Engineering Students	47.RD	1042040	63,868
Collaborative Research: CIC (SEA): Using the Cloud to Model and Manage Large Watershed Systems	47.RD	1048125	80,902
Acquisition of a Computer Cluster for Wide-Range Chemical Applications and Education	47.RD	1048629	4,612
RAPID-Collaborative Research: The Microbial Response to the Gulf Oil Spill: Linking Metabolomes and Metagenomes	47.RD	1049411	16,304
LTREB: Long Term Studies of Salt Marsh Primary Production	47.RD	105236	82,931
Channel Properties Where Fluvial and Tidal Currents Meet	47.RD	1053299	110,829
Collaborative Research: Stable Strontium Isotope Ratios (88/86Sr) in Abiotic and Microbially Mediated Barite	47.RD	1053474	56,370
CAREER: Hydrothermal Carbonization of Mixed Feedstocks: Implications for Sustainable Waste Management	47.RD	1055327	91,132
CAREER: Asymmetric Silylation of Secondary Alcohols and Mechanistic Investigations	47.RD	1055616	175,998
CAREER: Approximate Description of Nuclear Quantum Effects Applicable to Large Molecular Systems	47.RD	1056188	119,635
The Logic of Collective Action in Large Groups	47.RD	1058236	64,751
REU: The Logic of Collective Action in Large Groups	47.RD	1058236	1,156
Graphene Based NO x Detector	47.RD	1058439/41878	36,246
Collaborative Research: Chemical and Biological Characterizations of Phosphonate and Polyphosphate Dynamics in Marine Phytoplankton	47.RD	1061094	46,397
Collaborative Research: Small-Scale Variability in Aeolian Sand Transport	47.RD	1063441	38,703
REU Supplement Collaborative Research: Small-Scale Variability in Aeolian Sand Transport	47.RD	1063441	1,036
Theoretical Studies of Hadronic and Nuclear Dynamics	47.RD	1068305	67,016
REU Supplement: Nanoelectromechanical Uncooled Infrared Sensor Using Epitaxial Graphene	47.RD	1029346	3,657
Nanoelectromechanical Uncooled Infrared Sensor Using Epitaxial Graphene	47.RD	1029346	129,990
The Role of Host Proteins in the HC-Pro Suppression of Silencing	47.RD	1029803	1,083
I/UCRC Fundamental Research: Gallium Nitride Optical Isolation for Wide Bandgap Power Electronic Systems	47.RD	1031987	41,429
I/UCRC Fundamental Research: Gallium Nitride Optical Isolation for Wide Bandgap Power Electronic Systems: REV Supplement (Research Experiences for Veterans)	47.RD	1031987	8,000
BME: Engineering the Surface Chemistry of Nanoparticles: A Two-Stage Attack on Infection Biofilms	47.RD	1032579	88,221
Modeling of Flow and Morphodynamics of Sinuous Submarine Channels	47.RD	1061244	61,773
Integrated Multi-physicochemical Processes Induced Stresses to Study Structural Reliability for Solid Oxide Fuel Cells: Modeling and Experiments	47.RD	1100085	44,138
Simulation of Integrated Urban Infrastructure Systems using Component-based Modeling	47.RD	1100227	95,283
Banach Spaces with Applications to Compressed Sensing and Greedy Convergence	47.RD	1101490	37,890
US Egypt Cooperative Research: Luminescent Molecularly Imprinted Polymer Sensor Arrays	47.RD	1103904	37,915
Synthesis of Polynuclear Transition Metal-Heavy Main Group Metal Carbonyl Complexes for Uses as Next-Generation Recurrent Events, Dynamic Reliability Models, and Multiple Decision-Making with High Dimensional Data	47.RD	1106435	81,462
Collaborative Research: Spectral Diagnostics of Heavy Elements at High Redshift	47.RD	1108830	6,827
Multimetallic Heterogeneous Nono-Catalysts	47.RD	1111496	146,193
Multidimensional Incoherent Spectroscopy for Measuring Condensed-Phase Dynamics	47.RD	1111530	106,056
Web-based Tools for Developing and Accessing Sociological Theory	47.RD	1123040	83,121
Collaborative Research: Maplelets for Calculus (M4C)	47.RD	1123170	51,752
CDI-TYPE 1: Intertidal Sensor Networks for Climate Change Studies in Intertidal Ecosystems	47.RD	1124657	70,240
Collaborative Research: Impact of Salt Water Intrusion on C Storage in Tidal Freshwater Wetlands: Assessing the Amount, Age, and Fate of Mobilized C	47.RD	1127958	19,147
Linking Variation in Metabolic Processes as a Key to Prediction	47.RD	1129166	141,134
Linking Variation in Metabolic Processes as a Key to Prediction (ROA: Parasite Impact on Crab Behavior and Energetics)	47.RD	1129166	21,133
Climate Change and Biogeography: Effects of Extreme Events	47.RD	1129401	115,455
Programmable Polymers based on Restricted Rotation	47.RD	1112431	87,748
Collaborative Research: Measurement and Modeling of Aerodynamic Interactions between Tree-Sway Motion and Turbulence in and above a Forest Canopy	47.RD	1117922	21,448
GOALI: Low Dislocation Density Semi-polar III-Nitride Substrates for Polarization Free Ultraviolet Light Emitting Diodes	47.RD	1128563	37,271
Collaborative Research: Water Stratigraphy of the Oceanic Lithosphere Using Mantle Xenoliths from Hawaii	47.RD	1129280	44,649
Flexible Core/Shell Nanocable - Carbon Microfiber Hybrid Composite Electrodes for High-Performance Supercapacitors	47.RD	1129979	5,025
REU Supplement: Collaborative Research: Pattern Transfer Nanomanufacturing with Magnetically-recorded Nanotemplates	47.RD	1130636	5,000
Collaborative Research: Pattern Transfer Nano manufacturing with Magnetically-Recorded Nanotemplates	47.RD	1130636	84,071
Collaborative Research: Resilient and Sustainable Engineered Fiber-Reinforced Earthen Masonry for Windstorm Regions	47.RD	1131161	42,913
REU Supplement: Lime-Stabilized Earth Blocks with Recycled Plastic Reinforcement for Hazard Resilience	47.RD	1131161	3,157
Trace-Metal Isotopes in Atlantic Seawater and Particles from Geotraces Transects A03 and A10	47.RD	1131387	329,456
RAPID: Collaborative Research: HF Radar Surface Current Measurements in Support of Constraining Shelf Edge Exchange in the SAB under Wind, Tidal and Gulf Stream Influence	47.RD	1132130	14,095
DRRC: Baseline Indicators for Monitoring Disaster Resilience in Rural Places	47.RD	1132755	82,246
RAPID Proposal: The Impact of the Fukushima Nuclear Disaster on Public Views and Nuclear Power in the United States	47.RD	1138296	17,692
Career: Linking Microbial Phylogenetic and Functional Gene Diversity to Microbial Mat Ecosystem Function Following Environmental Disturbance	47.RD	1149447	122,933
CAREER: Towards Multimodal and Multialgorithm Facial Activity Understanding by Audiovisual Information Fusion	47.RD	1149787	23,501
CAREER: African American Father Engagement and Early Adolescents' Academic and Social Adjustment	47.RD	1150963	57,056

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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Science Foundation, continued</b>			
Gaze Control during Scene Viewing: Behavioral and Computational Approaches	47.RD	1151358	121,265
Cationic Cobaltocenium Polyelectrolyte Polymers: Synthesis, Self-Assembly and Utilities	47.RD	1151479	99,551
EEC: NSF Nanoscale Science and Engineering (NSF) Grantees Conference	47.RD	1152325	12,562
Rational Design of Selective Hydrodeoxygenation Catalysts for Organic Acids	47.RD	1153012	75,429
Seeking Hidden Glaciation of the Greenhouse World	47.RD	1155630	101,037
REU Sites: Summer Research Experience in Brain and Cognitive Sciences	47.RD	1156522	84,025
REU Site: Marine Biogeochemistry at the University of South Carolina	47.RD	1156831	37,740
Regulation of Genetic Recombination in Mammals	47.RD	1157416	143,443
Summer Research Conferences in Statistical and Biostatistics	47.RD	1157813	2,150
Collaborative Research: Rational Design of Bifunctional Catalysts for the Conversion of Levulinic Acid to Gamma-Valerolactone	47.RD	1159863	14,562
GOALI: A Scientific Synthesis of Bimetallic Catalysts	47.RD	1160036	50,778
Greedy Approximation in Banach Spaces and Compressed Sensing	47.RD	1160841	67,912
III: Medium: Collaborative Research: Developing a 3D Browser to Explore Genomes	47.RD	1161586	45,078
Homological and Positive Characteristics Questions in Commutative Algebra	47.RD	1200085	26,972
Biomechanics of Arterial Tissue Failure at Multiple Length Scales	47.RD	1200358	47,158
Collaborative Research: Experimentally Guided Mathematics for the Mechanochemistry of Cell Sharp Dynamics	47.RD	1200487	32,900
An Interactive Software Infrastructure for Sustaining Collaborative Community Innovation in the Hydrologic Sciences	47.RD	12008202	42,463
Southeastern Number Theory Meetings	47.RD	1201126	12,012
Zeta Functions and the Distribution of Field Discriminants	47.RD	1201330	49,011
Efficient Unconventional Computing with Adaptable Memory Circuit Elements	47.RD	1202383	15,597
CUORE/CUORE-O and Majorana: Next Generation Double-Beta Decay Experiments	47.RD	1202950	322,511
The Study of Nuclear Physics with Intermediate Energy Probes	47.RD	1205782	16,991
Natural Resin Acid-Containing Antimicrobial Materials: Synthesis and Mechanism	47.RD	1206072	144,736
Processing an Additional Quality of Ge-76 for the Majorana Demonstrator	47.RD	1206314	261,956
Materials World Network: Ceramic Anode-Supported Solid Oxide Fuel Cells with High Performance and Tolerances towards Carbon Deposition and Sulfur Poisoning	47.RD	1210792	13,783
Representation and Approximation of Functions in Nonclassical and Anisotropic Settings with Applications	47.RD	1211528	34,818
Development of Correlation Operator Approach to Model Electron Correlation	47.RD	1213604	61,687
Numerical Improvements, Mesh Adaptation and Parameter Identification for Parallel Finite Element Stokes Ice Sheet Modeling	47.RD	1215659	49,437
Material Transformation and Community Creation at the Etowah Site, Georgia	47.RD	1216571	51,454
ATD Collaborative Research: Theory and Algorithms for High Dimensional Learning	47.RD	1222390	50,895
Theories of Sentence Processing and the Neuroscience of Language: Special Session at the 2013 CNYN Conference on Human Sentence Processing	47.RD	1225753	31,304
FSML: Imaging Instrument Array for Coastal Landscape and Ecosystem Analysis at the Baruch Marine Field Laboratory, University of South Carolina	47.RD	1226825	94,255
Deltaic Resilience and the Genesis of Mesopotamian Cities (Iraq)	47.RD	1227784	102,781
Collaborative Research: US GEOTRACES Pacific Zonal Transect: Rates of Supply, Removal and Internal Cycling of Trace Elements and Isotopes	47.RD	1231211	2,547
The Microglial Carbon Pump and Bacterial Carbon Sequestration in the Ocean	47.RD	1233373	69,379
Doctoral Dissertation Research: Youth Citizenship, Civic Education, and Spaces of Belonging in a Multicultural Nation	47.RD	1233492	13,315
Novel Solitonic Waveguides Based on Granular Phononic Crystals	47.RD	1234452	91,621
Collaborative Research: Electrochemical Reduction of CO2 to Small Organic Fuels on Encapsulated Metal Catalysts in Gas Diffusion Electrode Environment	47.RD	1235654	116,309
Pollutant Formation During Ox-Combustion of Coal	47.RD	1236761	45,168
SHB: Type II (INT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve Coordination in Perioperative Services	47.RD	1237080	27,623
Meeting: Pam American Plant Membrane Biology Workshop- Asilomar, CA (May 16-20, 2013)	47.RD	1239708	1,100
Collaborative Research: EAGER: Evaluating the Larsen Basin's Suitability for testing the Cretaceous Glaciation Hypothesis	47.RD	1241460	80,304
I-Corps: Fluorogenic Dyes and Fluorogenic Linkers as Enabling Tools for Bioconjugation Technology	47.RD	1242237	45,597
Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes	47.RD	1247503	27,660
REU Supplement: Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes	47.RD	1247503	6,434
Career: Renewable Polymers and Composites Derived from Hydrocarbon-Rich Natural Resin	47.RD	1252611	6,146
CAREER: Smart RF/Microwave Components Using Nano-Film Slow Wave Elements	47.RD	1253929	17,807
Summer Research Conferences in Statistical and Biostatistics	47.RD	1305948	8,431
Development of a complete Kaon Detection System for Hall C at 12 GeV Jlab	47.RD	363460-SUB 2	2,847
The PIE-LTER: Interactions Between External Drivers, Humans and Ecosystems in Shaping Ecological Process in a Mosaic of Coastal Landscapes and Estuarine Seascapes	47.RD	45246	35,928
Designed Interfaces on Nanoparticles via RAFT Polymerization	47.RD	1(GG002872)	20,654
DataNet Federation Consortium	47.RD	5-37147	37,583
NCED (National Centre for Earth Surface Dynamics)	47.RD	A536621617	16,211
Understanding and Preventing Nanocarpet Effect	47.RD	RR185375/384378	1,039
Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification	47.RD	SES-1127223	9,895
The South East Alliance for Graduate Education and the Professoriate (SEAGEP)	47.RD	UFO5037	67,993
<b>Total National Science Foundation</b>			<b>16,191,347</b>
<b>U.S. Department of Veterans Affairs</b>			
VA/PA: Sara Pettaway	64.RD	DORN VA HOSPITA	28,275
VA/PA/Zhou	64.RD	WJB DORN VA MED	34,436
VA/PA/Heather M. Smith	64.RD	DORN VA HOSPITA	34,614
VA/PA/Zhong	64.RD	WJB DORN VA MED	15,897
VA/PA/NAGARKATTI	64.RD	WJB DORN VA MED	7,713
IPA Dr. Grillo: Decreased CNS Leptin Activity in Co-morbid Depression and Obesity	64.RD	WJB DORN VA MED	19,545
VA/PA: Ashley Logan	64.RD	DORN VA HOSPITA	18,779
VA/PA: Heather Doviak	64.RD	DORN VA HOSPITA	39,122
<b>Total U.S. Department of Veterans Affairs</b>			<b>198,381</b>

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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>Environmental Protection Agency</b>			
Passed through programs from:			
South Carolina Research Foundation			
Hydrologic Connectivity, Water Quality Function, and Biocriteria of Coastal Plain Geographically Isolated Wetlands	66.RD	2710	24,947
Analysis and Fate of Single-walled Carbon Nanotubes and Their Manufacturing Byproducts in Estuarine Sediments and Benthic Organisms	66.RD	RD-83385901-0	8,318
Targeting High-Content Imaging Assessments of Aberrant G-Protein-Coupled Estrogen Receptor (GPER) Activation During Vertebrate Embryogenesis	66.RD	83516901	249,696
<b>Total Environmental Protection Agency</b>			<b>282,961</b>
<b>U.S. Nuclear Regulatory Commission</b>			
Passed through programs from:			
South Carolina Research Foundation			
Ultrasonic Guided Wave Sensor for Gas Accumulation Detection in Nuclear Emergency Core Cooling Systems	77.RD	NRC-01-10-155	31,630
Ultrasonic Guided Wave Sensor for Gas Accumulation Detection in Nuclear Emergency Core Cooling Systems	77.RD	NRC-04-10-155	66,976
University of South Carolina Next Generation Nuclear Engineer Fellowship Program	77.RD	NRC-38-10-956	76,957
University of South Carolina Nuclear Engineering Faculty Excellence Program	77.RD	NRCHQ11G380009	99,213
A Course on Risk Analysis with Application to the Current and New Nuclear Plants and Fuel Cycle Facilities	77.RD	NRCHQ-11G380058	55,099
<b>Total U.S. Nuclear Regulatory Commission</b>			<b>329,875</b>
<b>U.S. Department of Energy</b>			
Cultural Resource Management on the Savannah River Site	81.RD	DEFC0998SR18931	808,291
Experimental Particle Physics	81.RD	DEFG0295ER40910	47,635
Transport Behavior of Superconductors at High Dissipative Currents	81.RD	DEFG0299ER45763	131,480
Energy Frontier Physics: Experimental Particle Physics research to be done using the ATLAS detector at CERN	81.RD	DE-SC0010071	16,303
Experimental Neutrino Physics	81.RD	DE-SC0010073	45,951
Joint Faculty Appointment of Dr. Schindler	81.RD	4000104656	35,361
Mass Spectrometric Analysis for Oak Ridge National Laboratory	81.RD	4000113080	21,781
Passed through programs from:			
South Carolina Research Foundation			
Novel Methods of Tritium Sequestration: High Temperature Gettering and Separation Membrane Materials Discovery for Nuclear Energy Systems	81.RD	00102125	545,761
High Hydrogen content Epitaxial Graphene Hydride on SiC & High Cross-Section Cladding Coatings for Fast Neutron Detection	81.RD	00126542	82,087
Controlling Structural, Electronic and Energy Flow Dynamics of Catalytic Processes through Tailored Nanostructures	81.RD	24086040	98,566
Area of Interest B2: Bench-Scale Development and Testing of Rapid PSA for CO2 Capture	81.RD	4802004289	588,389
ARRA-Understanding the Structure-Property Relationships in Polybenzimidazole Films for High-Temperature Gas Separations	81.RD	86267-001-10	67,195
Using RULLI for Salt Marsh Bathymetry	81.RD	86177-001-11	132,257
Enriched Boron-Doped Amorphous Selenium Based Position-Sensitive Solid- State Thermal Neutron Detector for MPACT Applications	81.RD	120563	197,274
Thermochemical Investigation of U-Ln-O Systems	81.RD	4000106191	9,119
Consortium for Advanced Simulation of Light Water Reactors (CASL)	81.RD	2011-0028-02	71,069
Accurate Holdup Calculations with Predictive Modeling & Data Integration	81.RD	2012-1588-02	65,686
ODS Steel Consolidation by Friction Extrusion: Phase 2	81.RD	179174	5,690
DIRC - based PIC for the EIC Central Detector	81.RD	218624	2,832
Fabrication of Dual SERS/SEIRA Sensors for DOE Applications	81.RD	4000111778	25,786
Optimization of the Dual SERS/SEIRA Sensors for ORNL Applications	81.RD	4000120496	20,748
Development of Ultra Low Platinum Alloy Cathode Catalyst for PEM Fuel Cells	81.RD	DE-EE0000460	683,738
Topic 4A Transport Studies in Modeling in PEM Cell Stack - subcontract to Giner Electrochemical Systems, LLC	81.RD	DE-EE0000471	97,040
University of South Carolina Aiken Biofuels Laboratory in Aiken, SC	81.RD	DE-EE0003152	89,845
High Performance and Stable Pr2NiO4 as the Cathode for Solid Oxide Fuel Cells	81.RD	DE-FE0000303	120,000
ARRA - Geologic Characterization of the South Georgia Rift Basin for Source Proximal CO2 Storage	81.RD	DE-FE0001965	1,563,359
Meeting: 4th Pan American Plant Membrane Biology Workshop (Asilomar, CA May 16-20, 2012)	81.RD	DE-SC0008002	800
Predicting Ice Sheet and Climate Evolution at Extreme Scales (PISCEES)	81.RD	DE-SC0008087	34,356
Theoretical Investigation of Heterogeneous Catalysis at the Solid Interface for the Conversion of Lignocellulosic Biomass Model Molecules	81.RD	DE-SC0007167	200,386
Experimental Particle Physics (Neutrino)	81.RD	DEFG0295ER40910	401,773
Experimental Particle Physics (ATLAS)	81.RD	DEFG0295ER40910	168,379
Experimental Particle Physics (BaBar Activities)	81.RD	DEFG0295ER40910	53,247
Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems	81.RD	DE-SC0001061	429,945
Administrative Core (Parent Account)	81.RD	DE-SC0001061	1,727,898
Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems - (Education Core)	81.RD	DE-SC0001061	33,358
Fundamental Neutron Physics: Theory and Analysis	81.RD	DE-SC0001473	110,426
1D and 2D Assembly of Plant Viruses for Materials Development	81.RD	DE-SC0001477	2,594
Structure-Composition-Property Relationships of Complex Bismuth Oxide Based Photocatalysts	81.RD	DE-SC0001478	107,353
A Synthetic Strategy to Prepare New Complex Uranium and Thorium Containing Oxides: Predictive Solid State Synthesis of New Composition Using Radius Ratio Rules and Materials Discovery based on Crystal Growth from High Temperature Solutions	81.RD	DE-SC0008664	87,427
Ammonia Process by Pressure Swing Adsorption	81.RD	GO16105	
Assembly and Testing of the Forward Time-of-Flight Panel-1b For Clas12	81.RD	JSa-11-C1237	124,600
Microstructure and Property Evolution in Advanced Cladding and Duct Materials Under Long-Term and Elevated Temperature Irradiation: Modeling and Simulation	81.RD	ORA110125001.03	55,959
Gas Chromatograph-Mass Spectrometer: Operation and Maintenance	81.RD	RR2674144893896	3,008
H-02 Wetland Organic Matter/Toxicity Study 2012	81.RD	RR2674144893906	1,974
Design of an Impact Evaluation of School-Wide Positive Behavior Supports	81.RD	TANGLEWOOD RESE	35,839
Salt-Water Intrusion into Coastal Freshwater Wetlands: Effects on Ecosystem Metabolism and Soil Carbon and Nutrient Storage	81.RD	TUL-605-10/11	340
Topic 3C-Effect of System and Air Contaminants on PEMFC Performance and Durability-Subcontractor to NREL	81.RD	ZGB-0-99180-01	313,467

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<b>U.S. Department of Energy, continued</b>			
<b>South Carolina Universities Research and Education Foundation</b>			
Nuclear Forensics Junior Faculty Award Program-DHS	81.RD	DENE008	203,618
Nuclear Forensics Undergraduate Scholarship Program	81.RD	DENE002	11,373
Nuclear Forensics Junior Faculty Award Program	81.RD	IDNE014	1,958
ARRA - Conducting Heat Transfer Measurements of Nanoparticle Enhanced Ionic Liquids (NEILS)	81.RD	SC0253	9,021
Expert Assistance in the Study of Historical Earthquakes Affecting the SRS	81.RD	SRNS002	1,925
Uranium Particle Characterization	81.RD	SRNS005	21,827
Expert Assistance in the Study of Historical Earthquakes Affecting the SRS	81.RD	WEST 190	3,905
<b>South Carolina Department of Natural Resources</b>			
South Carolina Coastal Plain Basement Mapping Project	81.RD	1400810	13,631
<b>South Carolina Energy Office</b>			
Stall Hall Chiller and Exterior Door Replacement	81.RD	S09-0065	1,282
<b>Medical University of South Carolina</b>			
ARRA - Electroalcoholgenesis: Bioelectrochemical Reduction of CO2 to Butanol	81.RD	MUSC10-062	296,735
<b>GAS Technology Institute</b>			
Nano-Valved Adsorbents for CH4 Storage	81.RD	DE-AR0000247	87,246
<b>Jefferson Science Associates, LLC</b>			
JSA/Jefferson Lab Graduate Fellowship Award 2012/13	81.RD	JSA/DOE	9,860
<b>Morris College</b>			
Morris College-University of South Carolina Mentoring Program	81.RD	PO20811	30,563
Morris College - USC Mentoring Program	81.RD	MORRIS COLLEGE	44,995
<b>University of Tennessee</b>			
Neutron Scattering Research Network for EPSCoR States	81.RD	A09-0361-S004	8,697
<b>Sandia National Laboratories</b>			
High Strain Rate Characterization of Foams Using Shock Tube	81.RD	1358097	2,916
<b>Foundation for Earth Science</b>			
MoU with Foundation for Earth Sciences "Evaluating the ESIP Ontology Portal and Ontologies: Semantic Web Focus"	81.RD	FES/ORN/DOE	4,393
ESIP Ontologies in the Cloud	81.RD	FFES	4,679
<b>Los Alamos National Laboratory</b>			
Fabrication and Characterization of Semi-insulating Silicon Carbide Sensors for Low-energy X-ray Detection	81.RD	143479	43,021
<b>Savannah River Nuclear Solutions</b>			
Marketing Research Project SRNS Indefinite Quantity Subcontract (Hilium-3 Business Assessment - TOA No. 1)	81.RD	AC90255S/TO 1	(76)
<b>Total U.S. Department of Energy</b>			<b>10,267,941</b>
<b>U.S. Department of Education</b>			
<b>Passed through programs from:</b>			
<b>South Carolina Research Foundation</b>			
Center for Adolescent Research in Schools (CARS)	84.RD	541821-78004	612,284
Investigating Environmental Factors Affecting Community Integration	84.RD	H133G090036	52,718
FY 2010 Application for New Awards under the Centers for International Business Education (CIBE)	84.RD	P220A100027	128,152
Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool	84.RD	R324A100104	308,135
Mediators of Social Impairment among Children with ADHD	84.RD	R324A120003	443,501
<b>South Carolina Department of Education</b>			
SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2011-12	84.RD	H63010008211	142,304
SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13	84.RD	H63010008212	177,677
<b>Richland School District Two</b>			
Evaluation of Richland School District Two's International Baccalaureate Continuum	84.RD	PO#13004483	143,998
<b>Total U.S. Department of Education</b>			<b>2,008,769</b>
<b>U.S. Department of Health and Human Services</b>			
IPA with HRSA - Visiting Health Scientist	93.RD	MCHB/HRSA	17,177
Suppression of Cardiac Calcium Channels by Acute Hypoxia	93.RD	NHLBI/NIH	77,595
Physical Activity and Nutrition Intervention in Afterschool Programs	93.RD	NHLBI/NIH	10,000
Center for Dietary Supplements and Inflammation (Admin Core - Year 2)	93.RD	NIGMS/NIH	26,931
Center for Dietary Supplements and Inflammation - Project 4 (Year 2)	93.RD	NIGMS/NIH	9,229
Center for Dietary Supplements and Inflammation (Immune Monitoring Core - Year 2)	93.RD	NIGMS/NIH	7,575
COBRE - Center for Dietary Supplements and Inflammation (Flow Cytometry - Year 2)	93.RD	NIGMS/NIH	4,582
COBRE - Center for Dietary Supplements and Inflammation (Project 2 - Year 2)	93.RD	NIGMS/NIH	6,716
COBRE - Center for Dietary Supplements and Inflammation (Project 3 - Year 2)	93.RD	NIGMS/NIH	8,563
COBRE - Center for Dietary Supplement and Inflammation (Microscopy & Imaging Core - Year 2)	93.RD	NIGMS/NIH	3,254
COBRE - Center for Dietary Supplements and Inflammation	93.RD	NIGMS/NIH	3,129
Glutathione and Redox Control in the Mitochondrial Intermembrane Space	93.RD	NIGMS/NIH	115,697
Immunopathological Basis of PTSD	93.RD	NIMH/NIH	33,225
Strengthening the Quality of School Mental Health	93.RD	NIMH/NIH	82,904
Coordinating Center of Excellence in the Social Promotion of Health Equity Research (Project 3-Years 2 and 3)	93.RD	NIMHD/NIH	2,402
Maternal Obesity, Excessive Weight Gain, Diabetes Mellitus, and Hypertension During Pregnancy and Risk of Neuro-developmental Disability in Children	93.RD	R40MC21523	3,723
IPA Assignment Agreement #13IPA1303285	93.RD	13IPA1303285	10,041
Post-Transcriptional Regulation in Colorectal Cancer	93.RD	1R01CA134609-01	13,984
Southern Oncology Network on Adverse Reactions (SONAR) - Focus on Tyrosine Kinase Inhibitors (TKIs)	93.RD	1R01CA165609-01	4,430
Spartolonin B as an Anti-Atherogenic Agent	93.RD	1R01HL116626-01	46,512
Colon Cancer Chemoprevention by the Anti-Inflammatory Drug, Quinacrine	93.RD	1R03CA171326-01	72,500
7th International Conference on Fe-S cluster Biogenesis and Regulation	93.RD	1R13GM106685-01	1,448
Phenomics: Joint Clustering to Associate Changes in Allergy and Asthma Over Time	93.RD	1R21AI099367-01	24,818
Macrophages in High Fat Diet Enhanced Colorectal Cancer: Regulation by miRNA-155	93.RD	1R21CA167058-01	42,331
HPV Methylation as a Biomarker of Viral Persistence and Risk of Cervical Disease	93.RD	1R21CA169998-01	30,600

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<b>U.S. Department of Health and Human Services, continued</b>			
Navegantes para Salud: Improving Healthcare Access and Utilization among Hispanic Women and Children	93.RD	1H0CMS330895-01	100,405
Regulation of Macrophages in Obesity-Enhanced Colon Cancer: Benefits of Quercetin	93.RD	1K01AT007824-01	2,500
Progress Report: Predicting Autism through Behavioral and Biomarkers of Attention in Infants	93.RD	7F31MH095318-02	20,493
Regulation of Mediator Release from Human Mast Cells by Extracellular Adenosine	93.RD	7K01HL092581-06	7,746
Coordinating Center of Excellence in the Social Promotion of Health Equity Research (Admin Core)	93.RD	7P20MD001770-09	106,061
Coordinating Center of Excellence in the Social Promotion of Health Equity Research (Research Core)	93.RD	7P20MD001770-09	(2,310)
Coordinating Center of Excellence in the Social Promotion of Health Equity Research (Project 1)	93.RD	7P20MD001770-09	93,949
Coordinating Center of Excellence in the Social Promotion of Health Equity Research (Project 2)	93.RD	7P20MD001770-09	79,798
Coordinating Center of Excellence in the Social Promotion of Health Equity Research (CEOC Care)	93.RD	7P20MD001770-09	70,449
Coordinating Center of Excellence in the Social Promotion of Health Equity Research (Research Education Training Core)	93.RD	7P20MD001770-09	26,524
Peromyscus Laboratory Models for Biomedical Research	93.RD	7P40DD010961-14	48,185
Energy Expenditure Responses to Acute and Chronic Exercise in Older Women	93.RD	7R00AG031297-04	16,443
Stromal Modulation of Responses to Thymidylate Synthase Inhibitors	93.RD	7R01CA154731-03	30,125
HIV/Cocaine Neurotoxicity in Females	93.RD	7R01DA013137-13	171,305
Mediation in Survival and Onset-to-Growth Models Applied to Youth Substance Onset	93.RD	5R01DA030349-03	96,354
Concurrent Treatment of Substance Abuse and Child Maltreatment	93.RD	7R01DA031780-02	1,722
Sensory-Motor Systems and Conceptual Processing in the Healthy and Impaired Brain	93.RD	7R01DC010783-71	26,380
A Unified Neuroanatomical Model of Speech Production and Perception: Implications	93.RD	7R01DC009571-05	114,722
Mechanistic Studies of Iron Regulation in Yeast	93.RD	7R01GM100069-02	9,121
Risks in Context: New Methodology for Modeling Risk by Context Interactions	93.RD	7R01HD054736-06	28,198
Families Improving Together (FIT) for Weight Loss	93.RD	7R01HD072153-02	864
Electrophysiology of Neonatal and Adult Heart	93.RD	7R01HL016152-37	128,015
A Social Ecological Based Smoking Cessation Intervention in Public Housing	93.RD	7R01HL090951-05	32,458
Physical Activity During the Transition from Elementary School to Middle School	93.RD	7R01HL091002-06	86,147
Myocardial Protection and Matrix Proteases	93.RD	7R01HL095608-03	232,984
Intracellular Sorting of Connexin 43 by the Ubiquitin Ligase Wwp1	93.RD	7R01HL104030-04	76,323
Localized Targeting of Matrix Proteases Following Myocardial Infarction	93.RD	7R01HL111091-02	19,216
Emergence and Stability of Autism in Fragile X Syndrome	93.RD	7R01MH090194-03	125,013
Examining the Role of the Lissencephaly Protein, Lis 1, in Dyne in-based Transport	93.RD	7R01NS056314-07	121,301
Function of KLF4-expressing Stem Cells in Mouse Cutaneous Wound Healing	93.RD	7R03AR060987-03	23,279
Living Delivery Systems to Promote Vascular Development in 3D Scaffolds	93.RD	7R03AR062816-02	53
Innovative Spatial Survival Models with Geographically Varying Coefficients	93.RD	7R03CA165110-02	15,583
SsnB, a Chinese Herb-Derived Selective TLR Antagonist	93.RD	7R21AT006767-02	8,016
South Carolina Post-Baccalaureate Research Program	93.RD	7R25GM066526-08	179,471
University of South Carolina Initiative for Maximizing Student Development	93.RD	7R25GM076277-07	76,633
The Development of Sustained Attention in Infants	93.RD	7R37HD01894227	166,313
Transcranial Direct Current Stimulations to Treat Aphasia: Phase II Trial	93.RD	7U01DC011739-02	142,530
<b>Passed through programs from:</b>			
<b>American Thrombosis &amp; Hemostasis Network</b>			
Evaluation of the American Thrombosis and Hemostasis Network: The Ideal National Hemophilia Program Coordinating Center	93.RD	ATHN/hRSA	31,537
Evaluation II of the American Thrombosis and Hemostasis Network: The Ideal National Hemophilia Coordinating Center	93.RD	ATHN/USDHHS/HRs	2,058
<b>Baylor College of Medicine</b>			
TCD With Transfusions Changing to Hydroxyurea-Subaward with Baylor College of Medicine	93.RD	501HL095647-04	11,263
<b>Florida State University</b>			
Adolescent Drug Use, Violent Victimization, and Neighborhood Context	93.RD	R01606	24,871
<b>George Washington University</b>			
Sub - George Washington University Cancer Institute (GWCI) Gmap Pilot: Assessing the Effects of BMORE on Participants and their Partners	93.RD	12-M02	2,790
<b>Indoor Biotechnologies, Inc.</b>			
Antigenic Determinants of Asthma-Associated for Design of Immunotherapy	93.RD	R01A1077653	45,580
<b>Johns Hopkins University</b>			
Injury-Induced Pain: Chemical Modulation of Nociceptors	93.RD	2001362978	96,837
<b>Medical University of South Carolina</b>			
South Carolina Clinical and Translational Research Institute (SCTR)	93.RD	MUSC/NIH	15,860
Inflammation and Degeneration of Optic Nerve in EAE (Subcontract)	93.RD	MUSC09-116	33,592
Southern Consortium Node of the Clinical Trials Network - Stimulant Reduction Intervention using Dosed Exercise (STRIDE)	93.RD	MUSC10-060	161,174
Velocity Computation from Endoscopic Images of Throat Clearing, Coughing, and Alternative Behaviors	93.RD	MUSC10-061	1,296
ARRA - Project AWARE: HIV Testing and Counseling in STD Clinics: An Adaptation of CTN 0032 (AWARE)	93.RD	MUSC10-074	202
Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)	93.RD	MUSC10-124	127,393
MUSC CTSA Biomedical Informatics Program Support	93.RD	MUSC11-124	(2,359)
MUSC CTSA VAC Project Support	93.RD	MUSC11-134	(2,653)
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity	93.RD	MUSC12-085	1,542
MCRC for Rheumatic Diseases in African Americans	93.RD	MUSC12-118	13,637
Administrative Supplement for Effectiveness of Tobacco Control Policies in High vs. Low Income Countries (P01CA138389)	93.RD	MUSC12-128	39,712
Subaward: Hollywood Smiles	93.RD	MUSC13-029	8,261
<b>Palmetto Health</b>			
Prospective Double-Blind, Sham-Controlled, Randomized Multi-Center Safety and Preliminary Efficacy Study of IV rt-PA Plus Transcranial Laser Therapy (TLT): STELLAR	93.RD	PALMETTO HEALTH	6,811
<b>Trustees of Dartmouth College</b>			
Clozapine for Cannabis Use Disorder and Schizophrenia	93.RD	1132	66,195
Cinema Smoking and Youth Smoking in Latin America	93.RD	1066/R01T400627	99,410
<b>Wake Forest University Health Sciences</b>			
Sub Contract to Wake Forest University: Pilot Trial of ethnicity-related SNP's and lipidomics in prostate cancer	93.RD	GTS33475	15,303
<b>University of North Carolina</b>			
Supplement to SCCPCRN	93.RD	U OF NC	162
<b>University of Memphis</b>			
Transgenerational Epigenetic Inheritance of Allergy in a Multigenerational Cohort	93.RD	U OF MEMPHIS	25,000

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<b>U.S. Department of Health and Human Services, continued</b>			
<b>University of Michigan</b>			
Tailored Communications to Increase Colorectal Cancer Screening among African Americans	93.RD	3002557844	3,201
<b>University of South Florida</b>			
The TEDDY Study	93.RD	6119-1117-02-AV	9,881
<b>Yale University</b>			
Molecular Imaging Predicts Atrial Remodeling and Fibrillation Vulnerability	93.RD	M13A11562A09145	47,774
<b>South Carolina Department of Health and Environmental Control</b>			
Pregnancy Risk Assessment Monitoring System	93.RD	PO#674647	1,573
Contract Between SCDHEC and USC, ASPH - Eric Brenner	93.RD	PO#784444	9,227
Behavioral Risk Factor Surveillance Survey	93.RD	WAT-2011-01	251,097
SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program (Function #1)	93.RD	CY-2-801	98,695
SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program (Function #2)	93.RD	CY-2-801	85,247
Supporting the Promotion of Evidence-Based Public Health (EBPH) Practice at the South Carolina Department of Health & Environmental Control (DHEC) (CY-12-030)	93.RD	CY-12-030	5,000
Quality Improvement and Evaluation of DHEC Chronic Disease Programs - ABC Childcare Evaluation	93.RD	CY-13-026	4,968
Quality Improvement and Evaluation of DHEC Chronic Disease Programs - SC Wise Woman	93.RD	CY-13-026	12,415
Quality Improvement and Evaluation of DHEC Chronic Disease Programs - Preventive Health Services	93.RD	CY-13-026	4,485
Quality Improvement and Evaluation of DHEC Chronic Disease Programs - Division of Tobacco Prevention and Control, Diabetes Prevention and Control	93.RD	CY-13-026	11,466
Quality Improvement and Evaluation of DHEC Chronic Disease Programs - Strengthening Public Health Infrastructure of Improved Health Outcomes	93.RD	CY-13-026	3,586
<b>South Carolina Department of Health and Human Services</b>			
For the Purchase and Provision of the Alzheimer's Disease Registry Management and Training and Development related to Dementia	93.RD	A30088A	586,162
Institute for Families in Society Sub-Contract to Provide Evaluation Technical Assistance and Support with the SC Department of Health and Human Services on the CHIPRA Quality Demonstration Project	93.RD	A51642A	110,923
Independent Program Evaluation and Technical Assistance and Consultation Efforts with Medically Complex Medicaid Recipients	93.RD	A91494A	2,181
State Public Health Department Comprehensive Heart Disease and Stroke Prevention Program	93.RD	CY-12-005	1,109
State Public Health Department Comprehensive Heart Disease and Stroke Prevention Program	93.RD	CY-13-008	15,000
SFY 2013 DHHS MEQA/PERM Contract	93.RD	A20131425A	901,756
Evaluation of the PRTF Waiver Implementation 2012-2013	93.RD	A20131571A	44,687
Technical Assistance Support for Coordination of Data Reporting and Data Analytics for the SC Medicaid Program	93.RD	A201710237A	304,518
Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program	93.RD	A201710239A	2,737,472
Technical Assistance and Data Analytical Support in the Implementation of the CMS Center for Innovation: State Demonstration to Integrate Care for Dual Eligible Individuals Strategic Planning Grant	93.RD	A21693A	406,524
<b>South Carolina Department of Social Services</b>			
The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability (Child Welfare Quality Assurance)	93.RD	TO1	1,951,839
The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability (Economic Services Quality Improvement)	93.RD	TO2	139,163
The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability (National Youth in Transition Survey)	93.RD	TO7	253,985
<b>South Carolina Lieutenant Governor's Office</b>			
Evaluation of the Community Living Program: Supporting Independence and Choice in the Community	93.RD	HCVETSC11	6,486
ADRC Expansion Grant 2011-2012	93.RD	TSAAUSC12	5,097
<b>South Carolina Research Authority</b>			
Undergraduate Exchange Program across INBRE Networks	93.RD	20030194/TO0122	2,000
<b>South Carolina Research Foundation</b>			
ARRA - Go Grant: An Open Source Research Permissions Management System for South Carolina	93.RD	1RC2LM010796-01	241,936
Insulin and CNS Control of Body Weight	93.RD	005263	1,118
Type 1 Diabetes TrialNet: Natural History of the Development of Type 1 Diabetes	93.RD	0000137866	6,480
Neurodevelopmental Effects of Cannabis and Its Epigenetic Regulation	93.RD	0255-4511-4609	42,343
Multigenerational Epigenetic Effects of Cannabis Exposure	93.RD	0255-4641-4609	4,904
Feasibility of a Multicenter Obesity Reduction Community Trial in Region 2	93.RD	091214MKH358040	28,596
Subaward - ENLACE: A Promotora - Led Physical Activity Intervention Trial for Latinas in Texas	93.RD	15349/153179	60,550
A Genetic Model for Early-Onset Breast and Colon Cancer in African Americans	93.RD	25910-2	12,180
Impact of Physical Activity on Stroke and Cognitive Decline in Older Adults/REGARDS	93.RD	12-745	72,615
Adoptive Transfer of Immunity Elicited by Attenuated HIV Vaccines	93.RD	317K310	48,362
Cytoskeletal Oscillations: Mathematical Modeling Integrated with Experiments	93.RD	5-33150	1,259
Biodosimetry of Children Exposed to Low-Level Radioactive Contamination	93.RD	6(GG006900)	21,224
Agricultural Intervention to Improve Health of HIV-affected Children in Kenya	93.RD	73185C	20,299
Pathways from Food Insecurity to Treatment and Health Outcomes in Women with HIV	93.RD	74405C	57,096
Persistent Hepatitis C Virus Replication and T cell Immunity in Pregnancy	93.RD	763413	32,058
Studying Community Programs to Reduce Childhood Obesity - sub-contract with Batelle Memorial Institute	93.RD	236804	11,324
Studying Community Programs to Reduce Childhood Obesity - sub-contract with Batelle Memorial Institute (Task 1 - Scientific Leadership and Project Management)	93.RD	236804	85,184
Studying Community Programs to Reduce Childhood Obesity - sub-contract with Batelle Memorial Institute (Task 2 - Protocol Development)	93.RD	236804	29,443
Studying Community Programs to Reduce Childhood Obesity - sub-contract with Batelle Memorial Institute (Task 6 - Training and QA/QC Oversight)	93.RD	236804	66,657
Studying Community Programs to Reduce Childhood Obesity - sub-contract with Batelle Memorial Institute (Task 8 - analysis & Dissemination)	93.RD	236804	43,708
A Multi-Center Epidemiologic Study of Breast Cancer in African America Women	93.RD	110105SEA00403	12,633
Effects of the Built Environment, Crime & Food Prices on BMI, Activity & Eating	93.RD	3002153814	3,266
Antihypertensive Treatment of Acute Cerebral Hemorrhage (ATACH-II): A Phase III Randomized Multicenter Clinical Trial of Blood Pressure Reduction for Hypertension in Acute Intracerebral Hemorrhage	93.RD	N000936945	2,545



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<b>U.S. Department of Health and Human Services, continued</b>			
Comparative Effectiveness of Group Prenatal Care on Women's Psychosocial Health	93.RD	RHS021975A	32,143
Diabetes Prevention Program Outcomes Study - USC Site	93.RD	S-DDP1213-JB05	67,327
Diabetes Prevention Program Outcomes Study (DPPOS)	93.RD	S-DDP1314-JB05	23,099
Contribution of Toll-like Receptors in the Pulmonary Responses to Nanoparticles and Pathogens	93.RD	UF12197/R01HL11	20,193
A Translational Approach to Heterogeneity of Pain in Pediatric Sickle Cell Anemia	93.RD	1F31HL108582-01	28,940
Intervention to Improve Quality of Life for African-American Lupus Patients (IQAN)	93.RD	1K01AR060026-01	93,298
Methodological Developments in the Prevention of Adolescent Drug Use	93.RD	1K01DA024116-01	145,228
Expanding Mentoring Capacity in High-Risk Populations	93.RD	1K05CA136975-01	182,643
Center for CAM Research on Autoimmune and Inflammatory Diseases - Admin. Core	93.RD	1P01AT003961-01	68,613
Center for CAM Research on Autoimmune and Inflammatory Diseases - Immunotox. Core	93.RD	1P01AT003961-01	56,907
Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 1	93.RD	1P01AT003961-01	109,363
Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 3	93.RD	1P01AT003961-01	139,367
Center for Dietary Supplements and Inflammation	93.RD	1P20GM103641-01	110,946
COBRE - Center for Dietary Supplements and Inflammation (Admin Core)	93.RD	1P20GM103641-01	335,423
COBRE - Center for Dietary Supplements and Inflammation (Project 1)	93.RD	1P20GM103641-01	185,840
COBRE - Center for Dietary Supplements and Inflammation (Project 2)	93.RD	1P20GM103641-01	201,819
COBRE - Center for Dietary Supplements and Inflammation (Project 3)	93.RD	1P20GM103641-01	205,418
COBRE - Center for Dietary Supplements and Inflammation (Project 4)	93.RD	1P20GM103641-01	205,500
COBRE - Center for Dietary Supplements and Inflammation (Immune Monitoring Core)	93.RD	1P20GM103641-01	304,824
COBRE - Center for Dietary Supplements and Inflammation (Flow Cytometry Core)	93.RD	1P20GM103641-01	93,383
COBRE - Center for Dietary Supplements and Inflammation Microscopy & Imaging Core	93.RD	1P20GM103641-01	135,550
Aging, Acetylcholine and the Hypothalamus	93.RD	1R01AG030646-01	202,516
Transgenerational Epigenetic Inheritance of Allergy in a Multigenerational Cohort	93.RD	1R01AI091905-01	418,647
Mast Cell S1P Receptor2 in the Initiation and Progression of Chronic Inflammation	93.RD	1R01AI095494-01	233,660
Cachexia in ApcMin/+mice: The Role of IL-6	93.RD	1R01CA121249-01	112,494
Cell Cycle Specific CDK Inhibitors as Potential Anti-tumor Therapeutics Through Replace	93.RD	1R01CA131368-01	187,923
Southern Oncology Network on Adverse Reactions (SONAR)-Focus on Tyrosine Kinase Inhibitors (TKIs)	93.RD	1R01CA165609-01	385,167
Building Evidence for Effectiveness and Sustainable Cigarette Warning Label Policy	93.RD	1R01CA1670607-01	484,289
Prenatal IV nicotine: Long-term Vulnerability to Stimulant Drugs	93.RD	1R01DA021287-01	36,838
Developmental Regulation of Endothelin Pain	93.RD	1R01DA023593-01	83,044
Violent Victimization, Neighborhood Context and Adolescent Drug Use	93.RD	1R01DA030387-01	47,607
Concurrent Treatment of Substance Abuse and Child Maltreatment	93.RD	1R01DA031780-01	571,085
An Enabling Technology for Improving Engraftment of Implanted Materials and Cells	93.RD	1R01DE019355-01	10,686
Improving Safety and Access for Physical Activity	93.RD	1R01DK067615-01	9,991
Behavioral/Support Intervention for Diet and Exercise Among Underserved Women	93.RD	1R01DK074666-01	170,183
Request for Travel Funds for NIH PI's Workshop	93.RD	1R01DK084284-01	1,499
BK Channel Function and Regulation in Urinary Bladder Smooth Muscle	93.RD	1R01DK084284-01	371,560
Estrogen-T cell Interactions	93.RD	1R01ES019313-01	139,287
RecQ Helicases and Genomic Instability	93.RD	1R01GM081472-01	1,986
Characterization of the Suf Fe-S Cluster Biosynthesis Pathway Under Stress	93.RD	1R01GM081706-01	22,570
Glutathione and Redox Control in the Mitochondrial Intermembrane Space	93.RD	1R01GM086619-01	131,237
Mechanistic Studies of Iron Regulation in Yeast	93.RD	1R01GM100069-01	139,513
Multi-Component Intervention to Increase Physical Activity in Preschool Children	93.RD	1R01HD055451-01	29,165
Estrogen Modulation of Fibroblast Function in the Pressure Overloaded Heart	93.RD	1R01HL083441-01	29,813
A Partnership to Promote Physical Activity and Healthy Eating in AME Churches	93.RD	1R01HL083858-01	201,870
The Role of Fluid Flow in Valvulogenesis	93.RD	1R01HL086856-01	140,911
Physical Activity During the Transition from Elementary School to Middle School	93.RD	1R01HL091002-01	560,638
Chronic Moderate Sleep Restriction in Older Long and Older Average Sleepers	93.RD	1R01HL095799-01	752,826
Children's Dietary Recalls: Prompts, Retention Interval, and Accuracy	93.RD	1R01HL103737-01	721,765
Intracellular Sorting of Connexin 43 by the Ubiquitin Ligase Wwp1	93.RD	1R01HL104030-01	289,179
Strengthening the Quality of School Mental Health Services	93.RD	1R01MH081941-01	394,755
Clinical and Policy Implications of a Statewide Emergency Telepsychiatry Program	93.RD	1R01MH086239-01	111,364
Emergence and Stability of Autism in Fragile X Syndrome	93.RD	1R01MH090194-01	248,897
Immunopathological Basis of PTSD	93.RD	1R01MH094755-01	310,120
Quality, Economic Outcomes and Sustainability of Telepsychiatry (QUEST)	93.RD	1R01MH100002-01	169,983
Subunit Dependent Properties of Kainate Receptors	93.RD	1R01NS065869-01	340,669
Development and Evaluation of Accelerated Hazards Mixture Cure Model	93.RD	1R03CA137790-01	24,060
ARRA - Development and Evaluation of Spatial Survival Models	93.RD	1R03CA139538-01	2,507
Sample Size Method and Software Development in Survival Trial with a Cure Rate	93.RD	1R03CA150077-01	54,677
Role of Dopamine Transporter: HIV-1 Tat Protein and Nicotine Sensitization	93.RD	1R03DA026721-01	3,913
Mediation in Survival and Onset-to-Growth Models Applied to Youth Substance Onset	93.RD	1R01DA030349-01	157,173
Methamphetamine and HIV-1: NMDAR/D1 Mediated Neurologic Effects	93.RD	1R03DA031604-01	21,981
Maximizing Speech Recognition Under Adverse Listening Conditions	93.RD	1R03DC012506-01	83,199
The Role of STARD6 in Ovarian Steroidogenesis	93.RD	1R03HD070126-01	38,322
11th International Symposium on the Maillard Reaction	93.RD	1R13AG043209-01	7,500
Papillomavirus Conferences 2007-12	93.RD	1R13CA132461-01	6,000
OPAM: A Conference on Object Perception Attention and Memory	93.RD	1R13EY021087-01	2,770
ARRA - Social Networks and Pathways to Transplant Parity for Black Hemodialysis Patients	93.RD	1R15DK088707-01	144,067
Developing Measures of the Built Nutrition Environment	93.RD	1R21CA132133-01	728
Folate Status, Genomic Uracil, and the Balance of Base Excision Repair Activity	93.RD	1R21CA135136-01	41,472
Development of an Innovative Physical Activity Self-report Instrument for Youth	93.RD	1R21CA158577-01	105,278
Regulation of Urinary Bladder Smooth Muscle by K+ Channels	93.RD	1R21DK083687-01	103,119
Understanding Patterns of Change in Obesity and Physical Activity in Adults	93.RD	1R21DK088195-01	12,700

**University of South Carolina**  
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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>U.S. Department of Health and Human Services, continued</b>			
ARRA - Mechanisms of Xenoestrogen Stress: A Proteomic and Functional Genomic Approach	93.RD	1R21ES016617-01	77,444
ARRA - Modeling Spatial and Family Factors in the Transmission of Wealth	93.RD	1R21HD060111-01	11,648
ARRA - Promoting Healthy Weight in Pregnancy and Postpartum Among Overweight/Obese Women	93.RD	1R21HD061885-01	23,871
Mammary Gland Laterality in Normal and Neoplastic Development	93.RD	1R21HD068993-01	171,888
Is Childhood Obesity Related to Participation in School Meals	93.RD	1R21HL088617-01	3,050
Development of a Long-term, Working Cardiovascular Tissue Slice Culture	93.RD	1R21HL089483-01	106,435
Home-based Pain Management Training for Pediatric Sickle Cell Disease	93.RD	1R21HL092336-01	4,641
ARRA - Integrated Recall of Diet and Physical Activity in Children	93.RD	1R21HL093406-01	(110)
Using Gold Nanorods to Modify the Extracellular Matrix and Mechanical Properties of Cardiac Valves	93.RD	1R21HL097214-01	49,047
Monocyte MicroRNA-155 and Atherogenesis	93.RD	1R21HL106325-01	118,992
Mass Casualty Triage Validation Study	93.RD	1R21LM010833-01	31,824
Home-based Exercise for Management of HIV-associated Cardiovascular Disease Risk	93.RD	1R21NR011281-01	86,939
Real Time Screening for GIRK1/4 Channel Blockers	93.RD	1R21NS071530-01	2,026
Diet & Activity Community Trial: High-Risk Colon Polyps	93.RD	1R24MD0002769-01	481,548
Platelet-Oriented Inhibition in New TIA	93.RD	1U01NS026835-01	9,533
Transcranial Direct Current Stimulation to Treat Aphasia: Phase II Trial	93.RD	1U01DC011739-01	691,481
Three State Rare Conditions Surveillance Project	93.RD	1U01DD000927-01	239,841
Coordinating Center for Research and Training to Promote the Health of People with Developmental and Other Disabilities	93.RD	1U01DD001007-01	209,275
South Carolina Opioid Safety initiative (SCOSI)	93.RD	1U01FD004266-01	35,922
Antibiotics Received in the First Year of Life and Odds of Food Allergy in Children	93.RD	1R40MC23628-01	87,133
International Society for Environmental Epidemiology 24th Annual Conference	93.RD	1R13ES021701-01	17,600
Assessment of Health Services Needs Pre-and Post-Disaster in Rural SC	93.RD	1R21ES017239-01	205,277
Neural Predictors of Anomia Recovery in Aphasia	93.RD	1R01DC00835501A	32,624
A Unified Neuroanatomical Model of Speech Production and Perception: Implications for Apraxia of Speech and Conduction Aphasia	93.RD	1R01DC009571-01	192,434
Families Improving Together (FIT) for Weight Loss	93.RD	1R01HD072153-01	192,371
Localized Targeting of Matrix Proteases Following Myocardial Infarction	93.RD	1R01HL111090-01	484,713
SsnB, a Chinese Herb-Derived Selective TLR Antagonist	93.RD	1R21AT006767-01	62,333
Role of Natural Indoles in Experimental Autoimmune Encephalomyelitis	93.RD	1R01AT006888-01	400,995
Association between Clinical Decision Support Systems and Health Care Disparities	93.RD	1R36HS021079-01	437
Epidemiology of Asthma: Risk & Prognosis in a Cohort from Birth to Adolescence	93.RD	1R01HL082925-01	55
Effects of Chronic Alcohol Consumption on Cardiac Inflammation and Fibrosis	93.RD	1F31AA020162-01	9,784
Predicting Autism Through Behavioral and Biomarkers of Attention in High Risk Infants	93.RD	1F31MH095318-01	12,692
The South Carolina Study for Adolescents and Young Adults with Rare Conditions	93.RD	1U01DD000776-01	148,438
Characterization and Genetic Analysis of Aging in Daphnia	93.RD	1R01AG037969-01	261,163
Understanding and Controlling Tissue-specific Vascular Patterning	93.RD	1360-2092097563	160,037
Mechanically Guided Urological Tissue Regeneration in Vitro	93.RD	1P20RR021947-01	5,897
Understanding and Controlling Tissue-specific Vascular Patterning	93.RD	1P20RR021949-01	2,457
Targeting Protein Arginine Deiminases to Prevent Colitis and Colon Cancer	93.RD	1R01CA151304-01	336,290
Innovative Spatial Survival Models with Geographically Varying Coefficients	93.RD	1R03CA165110-01	13,619
Reducing Cancer Disparities: Incident Cancer After Colonoscopies by Primary Care Doctors	93.RD	1R15CA156098-01	104,113
Maternal Methylmercury Exposure Through Rice Ingestion and Offspring Development	93.RD	1R15ES022409-01	82,425
Understanding Health Disparities in Cervical Dysplasia and Cancer Through the Identification of Novel Biomarkers, SIX1 and EGFR	93.RD	1R21CA153139-01	143,333
Stromal Modulation of Response to Thymidylate Synthase Inhibitors	93.RD	1R01CA154731-01	284,596
A Multi-Center Epidemiologic Study of Breast Cancer in African American Women	93.RD	11010SEA004-03	2,628
Policies to Influence Physical Activity and Nutrition in YMCA Programs	93.RD	1R21HL106020-01	161,825
Suppression of Cardiac Calcium Channels by Acute Hypoxia	93.RD	1R01HL107600-01	243,235
Physical Activity and Nutrition Intervention in Afterschool Programs	93.RD	1R01HL112787-01	504,750
Function of KLF4-expressing Stem Cell in Mouse Cutaneous Wound Healing	93.RD	1R03AR060987-01	44,937
Living Delivery Systems to Promote Vascular Development in 3D Scaffolds	93.RD	1R03AR062816-01	62,945
Fathering Practices and Positive Development among African American Adolescents	93.RD	1R03HD068688-01	40,117
Immune Mechanism Underlying CXCR3 Ligand-Mediated Interstitial Cystitis (IC)	93.RD	1R56DK08736-01	37,353
Social-Environmental, Physiologic, and Genetic Determinants of Blood Pressure in Underserved African Americans	93.RD	1F31AG039930-01	31,134
Data Management Core for the ITC Project, Evaluating the Effectiveness of Tobacco Control Policies in Low and Middle Income Countries	93.RD	115929	9,004
Tobacco Packing and Labeling Policies	93.RD	114131	3,444
Longitudinal Follow-up of Youth with ADHD Identified in Community Settings (CLIN0002)	93.RD	200-2006-18949	(36,798)
Thymidylate Synthase and Fluorodeoxyuridine Resistance	93.RD	2R01CA044013-18	214,509
HIV/Cocaine Neurotoxicity in Females	93.RD	2R01DA013137-11	178,915
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	2R01ES012895-04	247,577
Reactivity of Transient Cyt P450 Oxygen Intermediates	93.RD	2R01GM026730-19	16,822
Structure/ Function of Terminal Complement Proteins	93.RD	2R01GM042898-18	1,260
Maternal HIV: Developmental Neurotoxicity	93.RD	2R01HD043680-05	108,167
Risk in Context: New Methodology for Modeling Risk by Context Interactions	93.RD	2R01HD054736-04	130,203
Electrophysiology of Neonatal and Adult Heart	93.RD	2R01HL016152-34	113,619
Amygdala Neuropeptides and Anxiety	93.RD	2R01MH063344-06	420,118
Examining the Role of the Lissencephaly Protein, List 1, in Dynein-based Transport	93.RD	2R01NS056314-05	172,771
South Carolina Post-Baccalaureate Research Program	93.RD	2R25GM066526-06	247,660
South Carolina Initiative for Minority Student Development	93.RD	2R25GM076277-05	157,960
The Virtual Reality Functional Capacity Assessment Tool (VRFCAT) Validation Study	93.RD	2R44MH084240-02	53,508
Insulin Resistance Intervention after Stroke (IRIS) Trail	93.RD	2U01NS044876-07	46,677
Rural Health Research Center Cooperative Agreement	93.RD	2U1CRH03711-09	458,965
Language Development in Fragile X Syndrome	93.RD	201118600-01	281,248
ARRA - LIFE-Main Study (sub-contract with Pennington Biomedical Center)	93.RD	2U01AGO22376S01	4,691

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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>U.S. Department of Health and Human Services, continued</b>			
Peromyscus Laboratory Models for Biomedical Research	93.RD	3P40OD010961-13	115,239
Transgenerational Epigenetic Inheritance of Allergy in a Multigenerational Cohort (Research Supplement for Nelis Soto-Ramirez	93.RD	3R01AI091905-02	35,725
Stromal Modulation of Response to Thymidylate Synthase Inhibitors (Research Supplement for Nikeya Tisdale)	93.RD	3R01CA154731-02	44,814
ARRA-Administrative Supplement: A Unified Neuroanatomical Model of Speech Production and Perception	93.RD	3R01DC009571-01	347
ARRA - Administrative Supplement: RecQ Helicases and Genomic Waldman	93.RD	3R01GM081472-02	5,488
Supplement to: A Partnership to Promote PA & Healthy Eating in AME Churches 1 Rol HL083858-01	93.RD	3R01HL083858-02	2,740
Chronic Moderate Sleep Restriction in Older Long and Older Average Sleepers (Diversity Supplement - Shelli James)	93.RD	3R01HL095799-02	25,049
Strengthening the Quality of School Mental Health - Administrative Supplement	93.RD	3R01MH081941-03	17,914
Emergence and Stability of Autism in Fragile X Syndrome - Administrative Supplement	93.RD	3R01MH090194-02	69,707
South Carolina Cancer Disparities Community Network: CHE Administrative Supplement	93.RD	3U01CA114601-05	67,194
Among Racial/Ethnic and Underserved Populations (SC Cancer Disparities Community Networks)	93.RD	3U01CA114601-05	38
South Carolina Cancer Disparities Network - II (PrCa Supplement)	93.RD	3U54CA153461-03	40,933
Analysis and Action on the Environmental Determinants of Health and Health Disparities	93.RD	3P20MD001770-07	300,040
South Carolina Center for Bioethics Research, Training and Translation	93.RD	3P20MD001770-07	171,649
Mercury Exposure and the Innate Immune Response in Autoimmune Heart Disease	93.RD	4R00ES015426-03	86,975
The Role of COX-2 in Skeletal Development and Osteoarthritis	93.RD	4R00ES016757-02	309,495
Free Radical Mechanism in Obesity Potentiation of Environmental Hepatotoxicity	93.RD	4R00ES019875-02	243,360
The Involvement of IL-12 and IL-27 in Immunity to Mycobacterium Tuberculosis	93.RD	4R00HL093300-03	241,454
Energy Expenditure Responses to Acute and Chronic Exercise in Older Women	93.RD	4R01AG031297-03	217,703
The Development of Sustained Attention in Infants	93.RD	4R37HD018942-26	399,877
Enhancing Linkages to HIV Care in Jail Setting	93.RD	4H97HA08542-04	46,583
UNC Clinical and Translational Science Award	93.RD	5-32676	18,972
Nutrition and Metabolic Status in Youth with Type 1 DM: SEARCH Ancillary Study	93.RD	5-50804	24,637
Exploring Current Smokers' Interest in Using Smokeless Tobacco Products	93.RD	55-0976-01	7,384
SEARCH for Diabetes in Youth, Phase 3, Year 2 - USC	93.RD	5-52855	47,967
SEARCH for Diabetes in Youth, Phase 3, Year 3 - USC	93.RD	5-52855	119,204
Coordinating Center of Excellence in Social Promotion of Health Equity Research - RET Core - Year 2	93.RD	5P20MD001770-07	182,109
Coordinating Center of Excellence in Social Promotion of Health Equity Research - Research Core - Year 2	93.RD	5P20MD001770-07	44,912
Coordinating Center of Excellence in Social Promotion of Health Equity Research - Project 1 - Year 2	93.RD	5P20MD001770-07	218,204
Coordinating Center of Excellence in Social Promotion of Health Equity Research - Project 3 - Year 2	93.RD	5P20MD001770-07	161,291
Coordinating Center of Excellence in Social Promotion of Health Equity Research - Community Core - Year 2	93.RD	5P20MD001770-07	226,252
Coordinating Center of Excellence in Social Promotion of Health Equity Research - Project 2-Year 2	93.RD	5P20MD001770-07	192,956
Center for Colon Cancer Research (Admin Core)	93.RD	5P20RR014698-08	89,786
Center for Colon Cancer Research (Mouse Core)	93.RD	5P20RR017698-08	881
Center for Colon Cancer Research (Histology Core)	93.RD	5P20RR017698-08	27
Center for Colon Cancer Research (Biometry Core)	93.RD	5P20RR017698-08	3,399
COBRE: Center for Colon Cancer Research	93.RD	5P20RR017698-08	3,828
Center for Colon Cancer Research (Tissue Bank)	93.RD	5P20RR017698-08	35,123
Alcohol Exposure, Social Behavior and Development	93.RD	5P20RR017698-09	9,132
Exploring Current Smokers' Interest in Using Smokeless Tobacco Products	93.RD	5R01AA011566-08	12,060
Improving Safety and Access for Physical Activity - Supplement	93.RD	5R01CA141609-04	10,399
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	5R01DK067615-04	116,523
School Meals and BMI Percentile: Secondary Data Analyses on Non-Self-Report Data	93.RD	5R01ES012895-05	31,783
The South Carolina Study for Adolescents and Young Adults with Rare Conditions	93.RD	5R21HL096035-02	52,062
Empowering Latinas to Lash Out Against AIDS (ELLAS)	93.RD	5U01DD000776-02	280,202
Rural Health Research Center Cooperative Agreement Program	93.RD	5U01PS000697-04	12,297
SIP-09-027 CDC Healthy Aging Research Network Collaborating Center	93.RD	5U1CRH03711-08	82,467
SIP-09-028 Evaluation of a Self-directed, Packaged Physical Activity Program for Adults with Arthritis	93.RD	5U48DP001936-03	36,408
Health Promotion and Disease Prevention Research Centers	93.RD	5U48DP001936-03	109,724
SIP-09-002 South Carolina Cancer Prevention and Control Research Network (SCCPCRN)	93.RD	5U48DP001936-03	294,904
Health Promotion and Disease Prevention Research Centers (CORE)	93.RD	5U48DP001936-04	91,944
Health Promotion and Disease Prevention Research Centers (Research)	93.RD	5U48DP001936-04	157,640
Health Promotion and Disease Prevention Research Centers (PAPH)	93.RD	5U48DP001936-04	250,476
Health Promotion and Disease Prevention Research Centers (Nat'I PA)	93.RD	5U48DP001936-04	81,883
SIP-09-027 Healthy Aging Research Network Collaborating Center	93.RD	5U48DP001936-04	49,564
SIP-09-002 South Carolina Cancer Prevention and Control Research Network (SCCPCRN)	93.RD	5U48DP001936-04	42,451
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of Competing Renewal	93.RD	5U48DP001936-04	145,966
Center for Colon Cancer Research	93.RD	5P20RR016461-11	825
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of competing renewal	93.RD	5P20RR017698-10	39,400
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of Competing Renewal	93.RD	5P20RR016461-11	31,352
- Year 2 of competing renewal (Bioinformatics Core)	93.RD	5P20RR016461-11	62,655
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of Competing Renewal - Beaufort	93.RD	5P20RR016461-11	3,759
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of Competing Renewal - (PACD)	93.RD	5P20RR016461-11	11,606
Gene Expression and Mitochondrial changes in a MLASA mouse model (Pilot Project under INBRE)	93.RD	5P20RR016461-11	637
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Administrative Core (Year 2 of Competing Renewal)	93.RD	5P20RR016461-11	1,603
South Carolina Cancer Disparities Community Network II (SCCDCN-II)(Year 2) - Administrative Core	93.RD	5U54CA153461-02	55,402
South Carolina Cancer Disparities Community Network II (SCCDCN-II)(Year 2) Community Core	93.RD	5U54CA153461-02	105,304
South Carolina Cancer Disparities Community Network II (SCCDCN-II)(Year 2) - Pilot Project	93.RD	5U54CA153461-02	12,497
South Carolina Cancer Disparities Community Network II (SCCDCN-II)(Year 2) - Research Core	93.RD	5U54CA153461-02	142,328
South Carolina Cancer Disparities Community Network II (SCCDCN-II)(Year 2) - Training Core	93.RD	5U54CA153461-02	32,425
South Carolina Cancer Disparities Community Network II (SCCDCN-II)(Year 2)	93.RD	5U54CA153461-02	39,113
SCCDCN II: Administrative Supplements to Expand NCI-Supported Community Outreach	93.RD	5U54CA153461-02	17,405

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<b>U.S. Department of Health and Human Services, continued</b>			
South Carolina Cancer Disparities Community Network - II (YR3) Admin Core	93.RD	5U54CA153461-03	111,164
South Carolina Cancer Disparities Community Network - II (YR3) Research Core	93.RD	5U54CA153461-03	288,458
South Carolina Cancer Disparities Community Network - II (YR3) Community Outreach Core	93.RD	5U54CA153461-03	182,114
South Carolina Cancer Disparities Community Network - II (YR3) Training Core	93.RD	5U54CA153461-03	50,868
South Carolina Cancer Disparities Community Network - II (YR3) Pilot Project	93.RD	5U54CA153461-03	12,066
Glycation of Proteins in Diabetes	93.RD	5R37DK019971-34	27,471
Microencapsulation of Oocytes for Low-CPA (cryoprotectant) Vitrification	93.RD	60032969	15,240
Organochlorine Exposure and Gene Expression of Sex Steroids in a Multigenerational Cohort of Michigan Fish Eaters	93.RD	61-0551SC	6,764
Diabetes Prevention Program Outcomes Study (DPPOS)	93.RD	7R01CA167067-03	22,359
Estrogen-T cell Interactions	93.RD	7R01ES019313-04	114,413
ARRA - Educational Attainment of Rural Youth	93.RD	7R03HD065964-02	9,964
Endothelin Receptors and Progression to Heart Failure	93.RD	7R01HL057952-13	53,334
Myocardial Protection and Matrix Proteases	93.RD	7R01HL095608-03	248,878
Secretory Patterns of Senescent Tumor Cells	93.RD	7R01AG028687-05	188,234
Expression of a Multigene Family During Development - Pilot Project under INBRE award	93.RD	8P20GM103499-12	1,201
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 3 of Competing Renewal	93.RD	8P20GM103499-12	541,790
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Administrative Core (Year 3 of Competing Renewal)	93.RD	8P20GM103499-12	59,615
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Bioinformatics Core (Year 3 of Competing Renewal)	93.RD	8P20GM103499-12	68,751
Pilot Project: Transcription Sequencing and Annotation in Quantitative Expression (Year 3 of INBRE Competing Renewal)	93.RD	8P20GM103499-12	9,912
Pilot Project: Transcription regulation by 148 microRNAs family and their host genes encoded zeta-subunits of COPI coatomer complex in normal and tumor cells (Year 3 of INBRE Competing Renewal)	93.RD	8P20GM103499-12	10,000
Pilot Project: Using Chip-Seq to Identify Regulatory Targets of ANT (Year 3 of INBRE Competing Renewal)	93.RD	8P20GM103499-12	10,000
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - PACD (Year 3 of Competing Renewal)	93.RD	8P20GM103499-12	113,707
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - USC BMEN (Year 3 of Competing Renewal)	93.RD	8P20GM103499-12	55,143
Genes Mediating Cardiac Hypertrophy during Pregnancy (Pilot Project under INBRE award)	93.RD	8P20GM103499-12	14,462
Peromyscus Laboratory Models for Biomedical Research	93.RD	8P40DD010651-13	138,049
Synaptic Organization of the Basolateral Amygdala (2008 resubmission)	93.RD	9R01DA027305-10	328,575
Alcoholism and Schizophrenia: "Translational Approach to Treatment"	93.RD	920	1,106
Incorporating Medical and Social Vulnerability into an All-Hazards Assessment for the State of Florida	93.RD	A51AF1/ASE942	4,874
Effects of Criminal Justice System Exposure on Youth's Substance Use Trajectories	93.RD	B300773	55,244
A Sensor-based Remote Monitoring System o Prevent Falls in Older Adults	93.RD	ENVIRON & HLTH	40,628
Continuous Monitoring of Anti-Fibrinolytic Therapy in Cardiovascular Surgery	93.RD	MICRO VIDE LLC	79,286
South Carolina Clinical and Translational Research Institute (SCTR)	93.RD	MUSC/NIH	8,268
South Carolina Clinical and Translational Research Institute (SCTR)	93.RD	MUSC09-078	81,229
South Carolina Clinical and Translational Research Institute (CTSA sub-contract with MUSC)	93.RD	MUSC099-078	2,415
Robust Nonparametric Methods with Variable Selection for Clustered Dental Data	93.RD	P002624201	41,968
Evaluation Support to the SC Center for Fathers and Families (SCCF) "Jobs Not Jail" Initiative	93.RD	SC FF/SCDSS/ HHS	13,436
CDK3-Inhibiting Anticancer Agents	93.RD	SENEX BIO INC	81,094
Transcranial Direct Current Stimulation to Treat Neurological Disorders	93.RD	SOTERIX MED INC	16,613
Coordinating Center of Excellence in Social Promotion of Health Equity Research - Administrative Care - Year Two	93.RD	SP20MD001770-07	208,273
Long-Term Lung Health After Exposure to Chlorine Gas	93.RD	TULHSC276-11/12	272,462
Data Management Core for the ITC Project, Evaluating the Effectiveness of Tobacco Control Policies in Low and Middle Income Countries	93.RD	UW105092	3,918
Tobacco Packaging and Labeling Policies: Expanding the Evidence on Novel Policies, Evaluating the Effectiveness of Tobacco Control Policies in Low and Middle Income Counties	93.RD	UW113808	1,548
PCSK9, Lipoprotein Receptors, and Atherosclerosis	93.RD	VUMC38212	151,970
Systolic Blood Pressure Intervention Trial (SPRINT)	93.RD	WFUHS 30209	58,740
Air Pollution, Subclinical CVD and Inflammatory Markers in the SEARCH Cohort	93.RD	Z036107	151,415
Use of a Community-University Partnership to Eliminate Environmental Stressors (Sub-Contract)	93.RD	Z037701	112,264
<b>South Carolina Sea Grant Consortium</b>			
Utilizing HABISS to Document, Analyze, and Interpret the Impacts of Harmful Algal Blooms and their Associated Marine Toxins on Ecosystems and Humans in South Carolina	93.RD	CH26	11,975
Utilizing HABISS to Document, Analyze, and Interpret the Impacts of Harmful Algal Blooms and Their Associated Marine Toxins on Ecosystems and Humans in South Carolina	93.RD	CH36	17,896
<b>National Childhood Cancer Foundation</b>			
National Childhood Cancer Foundation	93.RD	020866	98,724
<b>South Carolina First Steps to School Readiness</b>			
A Comparison of Collaborative Interventions for Strengthening Families and Reducing Maltreatment Risk in Young Children with Developmental Disabilities	93.RD	SC FIRST STEPS	2,129
A Comparison of Collaborative Interventions for Strengthening Families and Reducing Maltreatment Risk in Young Children with Developmental Disabilities	93.RD	FIRST STEPS TO	190,254
<b>Total U.S. Department of Health and Human Services</b>			<b>44,698,601</b>
<b>U.S. Department of Homeland Security</b>			
<b>Passed through programs from:</b>			
<b>South Carolina Research Foundation</b>			
Mobile Geospatial Situational Awareness for Field and Command Staff During The Emergency Response Phase	97.RD	HSQDQC-11C00140	36,053
Wide Area Standoff Detection of Trace Explosives using Spatial Heterodyne Deep UV Resonance Raman Spectroscopy	97.RD	107869	34,814
Tracking Airborne and Satellite Remote Sensing Collection Assets for Emergency Response Phase	97.RD	HSQDQC-11C00151	113,980
Geospatial Risk Assessment Protocols	97.RD	4100033643	159,426
<b>South Carolina Universities Research and Education Foundation</b>			
Nuclear Forensics Junior Faculty Award Program	97.RD	NF13001	110,161
Nuclear Forensics Junior Faculty Award Program	97.RD	NF13004	371,203
<b>South Carolina State Law Enforcement Division</b>			
FY 2010 Buffer Zone Protection Program	97.RD	10BZPP02	100,000
Critical Infrastructure Equipment Enhancements	97.RD	10SHSP46	1,348

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<b>U.S. Department of Homeland Security, continued</b>			
<b>University of North Carolina</b>			
EZE Project: Identifying and Analyzing the Driving Forces of Hurricane Recovery for Disaster Stricken Areas to Improve Long-term Planning	97.RD	5-36314	12,865
<b>Total U.S. Department of Homeland Security</b>			<b>939,850</b>
<b>U.S. Agency for International Development</b>			
An Assessment of Mailli Meteorological Service's Agrometeorological Program	98.RD	EPP100-04-00024	87,731
<b>Total U.S. Agency for International Development</b>			<b>87,731</b>
<b>Total Research and Development Cluster</b>			<b>92,634,719</b>
<b><u>Student Financial Assistance Cluster</u></b>			
<b>U.S. Department of Education</b>			
SEOG 2011-2012 2 Yr Campus	84.007	P007A113812	27,254
SEOG 2012-2013 2 Yr Campus	84.007	P007A123812	78,907
SEOG 2012-2013 Aiken	84.007	P007A127399	97,943
SEOG 2010 - 2011 Beaufort	84.007	P007A108840	525
SEOG 2011 - 2012 Beaufort	84.007	P007A118840	10,275
SEOG 2012-2013 Beaufort	84.007	P007A128840	74,586
SEOG 2011-2012 USC Upstate	84.007	P007A127400	142,513
SEOG 2012-2013 Columbia	84.007	P007A123813	545,824
College Workstudy Prog Instruction 12-13	84.033	P0033A123813	350,225
College Workstudy Prog Research 12-13	84.033	P0033A123813	141,338
College Workstudy Prog/Public Svs 12-13	84.033	P0033A123813	69,267
College Workstudy/Academic Sup Lib 12-13	84.033	P0033A123813	17,346
College Workstudy/Academic Sup Oth 12-13	84.033	P0033A123813	60,531
College Workstudy/Student Services 12-13	84.033	P0033A123813	57,268
College Workstudy/Inst Support 12-13	84.033	P0033A123813	76,879
College Workstudy/O&M 12-13	84.033	P0033A123813	69,763
College Workstudy/ Auxiliary 12-13	84.033	P0033A123813	108,201
College Workstudy/Scholarships 12-13	84.033	P0033A123813	281
FWS 2011-2012 Master-2Yr Campus	84.033	P033A103812	3,159
FWS 2011-2012 - Sumter	84.033	P033A113812	1,395
FWS 2011-2012 - Lancaster	84.033	P033A113812	2,180
FWS 2011-2012 - Salkehatchie	84.033	P033A113812	2,006
FWS 2011-2012 - Union	84.033	P033A113812	1,732
FWS 2012-2013 - Sumter	84.033	P033A123812	50,336
FWS 2012-2013 - Lancaster	84.033	P033A123812	36,054
FWS 2012-2013 - Salkehatchie	84.033	P033A123812	66,156
FWS 2012-2013 - Union	84.033	P033A123812	30,565
College WorkStudy 2012-2013 Aiken	84.033	P033A127399	66,595
FWS 2011-2012 Beaufort	84.033	P033A118840	20,864
FWS 2012-2013 Beaufort	84.033	P033A128840	29,192
FWS Clearing Account - Beaufort	84.033	P033A098840	7,429
FWS Community Service-Clearing Account	84.033	P033A113813	15,520
College Work Study Clearing Account	84.033	P033A127400	8,016
College Work-Study Clearing Acct- Federal	84.033	P033A127399	3,533
College Work-Study Clearing Acct- Federal	84.033	P033A123813	16,878
College WorkStudy 2011-2012 USC Upstate	84.033	P033A117400	23,757
College WorkStudy 2012-2013 USC Upstate	84.033	P033A127400	110,182
College WorkStudy 2011-2012 Columbia	84.033	P033A113813	131,102
College WorkStudy 2012-2013 Columbia	84.033	P033A123813	5,317
CWS Job Location & Development 2012-2013	84.033	P033A123813	50,000
Federal Perkins Loan Program 2012-2013 Columbia	84.038	P038A123813	2,713,141
Federal Perkins Loan Program 2012-2013 2 Yr Campuses	84.038	P038A123812	89,962
Federal Perkins Loan Program 2012-2013 Aiken	84.038	P038A127399	126,482
Federal Perkins Loan Program 2012-2013 Spartanburg	84.038	P038A127400	175,986
Pell Grant Admin Allow FY 2011-2012	84.063	P063Q113261	310
Pell Grant Admin Allow FY 2012-2013	84.063	P063Q123261	11,620
Pell Grant Admin All 2012-2013 Beaufort	84.063	P063Q125738	3,885
Pell Grant Program 2011-2012 / Sumter	84.063	P063P113261	4,921
Pell Grant Program 2011-2012 / Lancaster	84.063	P063P113261	28,454
Pell Grant Program 2011-2012 / Salkehatchie	84.063	P063P113261	2,738
Pell Grant Program 2011-2012 / Union	84.063	P063P113261	2,826
Pell Grant Program 2012-2013 / Sumter	84.063	P063P123261	1,662,633
Pell Grant Program 2012-2013 / Lancaster	84.063	P063P123261	2,950,831
Pell Grant Program 2012-2013 / Salkehatchie	84.063	P063P123261	3,046,689
Pell Grant Program 2012-2013 / Union	84.063	P063P123261	1,323,044
Pell Grant Admin Allow FY 2011-2012	84.063	P063Q112201	90
Pell Grant 2011-2012 Aiken	84.063	P063P112201	10,834
Pell Grant 2012-2013 Columbia	84.063	P063P122200	23,926,125
Pell Grant 2012-2013 Aiken	84.063	P063P122201	5,654,973
Pell 2008 - 2009 Beaufort	84.063	P063P085738	(5,839)
Pell Grant 2010-2011 Beaufort	84.063	P063P105738	7,406
Pell Grant Program 2011-2012 / Beaufort	84.063	P063P115738	3,351
Pell Grant Admin All 2011-2012 Beaufort	84.063	P063Q115738	60
Pell Grant Admin Allow FY 2011-2012	84.063	P063Q112200	370

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<b>U.S. Department of Education, continued</b>			
Pell Grant Admin Allow FY 2012-2013	84.063	P063Q122200	29,275
Pell Grant Admin Allow FY 2011-2012	84.063	P063Q112877	185
Pell Grant Admin Allow FY 2012-2013	84.063	P063Q122201	7,015
Pell Grant Admin Allow FY 2012-2013	84.063	P063Q122877	13,510
Pell Grant 2011-2012 USC Upstate	84.063	P063P112877	22,009
Pell Grant 2012-2013 USC Upstate	84.063	P063P122877	10,789,127
Pell 2012-2013 Beaufort	84.063	P063P125738	3,140,466
Pell Grant 2011-2012 Columbia	84.063	P063P112200	74,194
Direct Loan Program 2011-2012	84.268	P268K122201	128,939
Direct Loan Program 2012-2013	84.268	P268K132201	15,699,686
Direct Loan Program 2010-2011	84.268	P268K115738	(4,479)
Direct Loan Program 2011-2012	84.268	P268K125738	32,870
Direct Loan Program 2012-2013	84.268	P268K135738	9,811,330
Direct Loan Program 2011-2012	84.268	P268K126800	11,999
Direct Loan Program 2012-2013	84.268	P268K136800	2,626,276
Direct Loan Program 2011-2012	84.268	P268K126804	82,100
Direct Loan Program 2012-2013	84.268	P268K136804	4,331,356
Direct Loan Program 2011-2012	84.268	P268K126799	5,316
Direct Loan Program 2012-2013	84.268	P268K136799	4,990,707
Direct Loan Program 2011-2012	84.268	P268K126852	12,683
Direct Loan Program 2012-2013	84.268	P268K136852	2,035,071
Direct Loan Program 2010-2011	84.268	P268K112877	(10,589)
Direct Loan Program 2011-2012	84.268	P268K122877	217,602
Direct Loan Program 2012-2013	84.268	P268K132877	29,843,249
Direct Loan Program 2011-2012	84.268	P268K122200	2,800,488
Direct Loan Program 2012-2013	84.268	P268K132200	191,818,597
Teach Grant 2012 2013 USC Upstate	84.379	P379T132877	24,000
Teach Grant 2012 2013 USC Aiken	84.379	P379T132201	12,000
Teach Grant 2012-2013 Columbia	84.379	P379T132200	119,500
<b>Total U.S. Department of Education</b>			<b>323,016,268</b>
<b>U.S. Department of Health and Human Services</b>			
Columbia Nursing Faculty Loan Program	93.264	3-NFLP900066	37,587
Health Professions Student Loan - Columbia Pharmacy	93.342	NONE	243,750
Health Professions Student Loan - Columbia Medicine	93.342	NONE	36,721
Nursing Student Loan - Columbia Associate	93.364	NONE	1
Nursing Student Loan - Columbia Baccalaureate	93.364	NONE	179,244
Nursing Student Loan - Columbia Graduate	93.364	NONE	22,437
Nursing Student Loan - Spartanburg Associate	93.364	NONE	1
Nursing Student Loan - Aiken Associate	93.364	NONE	976
<b>Total U.S. Department of Health and Human Services</b>			<b>520,717</b>
<b>Total Student Financial Assistance Cluster</b>			<b>323,536,985</b>
<b>TRIO Cluster</b>			
<b>U.S. Department of Education</b>			
Talent Search Program	84.044	P044A110078	340,907
Educational Opportunity Centers Program	84.066	P066A110032	439,606
Ronald E. McNair Post Baccalaureate Achievement Program	84.217	P217A120040	148,792
<b>Passed through programs from:</b>			
<b>South Carolina Research Foundation</b>			
Student Support Services	84.042	P042A101438-11	35,127
Student Support Services	84.042	P042A101438-12	245,933
Student Support Services (SSS)	84.042	P042A101162	267,095
Student Support Services (SSS) - GRANT-IN-AID	84.042	P042A101162	11,959
Student Support Services 2011-2012	84.042	P042A101465-11	46,494
Student Support Services 2010-2015 (Grant - in- Aid)	84.042	P042A101465-12	10,225
Student Support Services 2010-2015	84.042	P042A101465.12	187,060
USC Union Student Support Services	84.042	P042A100582	229,932
Student Support Services 2010-2015	84.042	P042A100121	243,480
Student Support Services 2010-15 Grant-in-Aid	84.042	P042A100121	31,588
Student Support Services	84.042	P042A100032	318,336
Student Support Services Program - Grant-in-Aid	84.042	P042A100032	19,900
Upward Bound	84.047	P047A080399	4,096
Upward Bound Program	84.047	P047A120485	238,517
Upward Bound	84.047	P047A121668	400,797
Ronald E. McNair Post baccalaureate Achievement Program	84.217	P217A070152	59,821
<b>Total U.S. Department of Education</b>			<b>3,279,665</b>
<b>Total TRIO Cluster</b>			<b>3,279,665</b>

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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>Medicaid Cluster</b>			
<b>U.S. Department of Health and Human Services</b>			
Passed through programs from:			
<b>South Carolina Department of Disabilities and Special Needs</b>			
Provision and Training and Certification for Self-Directed Attendant Care for ID/DD and HASCI Waiver Participants	93.778	2012-3043	173
Provision and Training and Certification for Self-Directed Attendant Care for ID/DD and HASCI Waiver Participants	93.778	2013-3043	83,283
Provision and Training and Certification for Self-Directed Attendant Care for ID/DD and HASCI Waiver Participants	93.778	20143043	649
<b>South Carolina Department of Health and Human Services</b>			
DHHS/SCCAMRS Administrative Contract FY11-12	93.778	A21593A	115
Training and Certification for Attendant Care Services	93.778	A30675A	634,649
Outpatient Pediatric AIDS Clinic Services 12-13	93.778	C32746M	69,111
Purchase and Provision of Medical Director/Consultant Services for the Medicaid Program	93.778	A20130491A	266,402
DHHS/SCCAMRS Administrative Contract FY12-13	93.778	A20131593A	232,239
Contract #1599, SC DHHS Services for Purchase and Provision of Rural Outreach Program 2012-2013	93.778	A20131599A	780,045
Ongoing Consumer Satisfaction Survey	93.778	A20131722A	119,159
Connecting Data Analysis to Research and Practice for Child Serving Agencies	93.778	A201510524A	79,260
<b>Total U.S. Department of Health and Human Services</b>			<b>2,265,085</b>
<b>Total Medicaid Cluster</b>			<b>2,265,085</b>
<b>WIA Cluster</b>			
<b>U.S. Department of Labor</b>			
Passed through programs from:			
<b>Upstate Workforce Investment Board</b>			
ACHIEVE 2011-12	17.259	11Y603C4-UWIB	2,177
ACHIEVE 2012-13	17.259	12Y603C4-4WIB	358,041
<b>Total U.S. Department of Labor</b>			<b>360,218</b>
<b>Total WIA Cluster</b>			<b>360,218</b>
<b>Special Education Cluster (IDEA)</b>			
<b>U.S. Department of Education</b>			
Passed through programs from:			
<b>South Carolina Department of Education</b>			
Project CREATE 2011-12	84.027	H63010100911	15,221
Project CREATE 2012-13	84.027	H63010100912	64,265
Project CREATE 2011-12	84.027	12CO308-02	640
Project CREATE for Speech Language Pathologists	84.027	SC DEPT EDU	111,011
<b>South Carolina First Steps to School Readiness</b>			
Team for Early Childhood Solutions	84.027	SC FSSR/USDE	22
<b>South Carolina School for the Deaf and Blind</b>			
South Carolina Interagency Deaf-Blind Project	84.027	SCH OF DEAF & B	27,722
<b>Total U.S. Department of Education</b>			<b>218,881</b>
<b>Total Special Education Cluster (IDEA)</b>			<b>218,881</b>
<b>CCDF Cluster</b>			
<b>U.S. Department of Health and Human Services</b>			
Passed through programs from:			
<b>South Carolina Department of Social Services</b>			
Building a Statewide System for Inclusion 2012-2013	93.575	DSS/USDHHS	212,453
Building a Statewide System for Inclusion (Ages & Stages Component)	93.575	SC DSS/HHS DR	57,895
Child Care Development Fund (CCDF): Special Needs Child Care Provider Access Grant and The Give Army Parents a Break Project (ABC Special Needs Component)	93.575	SC DSS/HHS DR	79,767
South Carolina Program for Infant/Toddler Care - Toddler Specialist Network (2011-12)	93.596	C12036H-1	487
South Carolina Program for Infant/Toddler Care-Infant -Toddler Specialist Network (2012-13)	93.596	C12036H-1	802,160
Management and Administration of the Child Care Resource & Referral Network	93.596	5000011358	1,065
Management and Administration of the Child Care Resource & Referral Network 2012-2013	93.596	5000011358	1,288,015
Statewide Child Care Market Rate Survey, Collecting and Analyzing Data	93.575	5000013215	26,341
<b>Total U.S. Department of Health and Human Services</b>			<b>2,468,183</b>
<b>Total CCDF Cluster</b>			<b>2,468,183</b>

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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b><u>Aging Cluster</u></b>			
<b>U.S. Department of Health and Human Services</b>			
Passed through programs from:			
<b>Office of the Lieutenant Governor</b>			
Dementia Dialogues for Alzheimer's Disease Supportive Services Program: Innovation Programs to Better Service People with Alzheimer's Disease and Related Disorders	93.044	LT GOVERNOR'S O	13,753
<b>Total U.S. Department of Health and Human Services</b>			<b>13,753</b>
<b>Total Aging Cluster</b>			<b>13,753</b>
<b><u>Other Programs</u></b>			
<b>U.S. Department of Education</b>			
Project POSTS: Preparation of Secondary Transition Specialists	84.325	H325K110505	190,710
USC Special Education Program Improvement Project (USC SEPIP)	84.325	H325T110004	151,860
Jacob Fellowships 2011-2012	84.170	P170B110008	38,992
South Carolina Assistive Technology Program	84.224	H224A120040	285,615
South Carolina Assistive Technology Program	84.224	H224A130040	120,918
Passed through programs from:			
<b>Allendale County School District</b>			
Allendale School Youth STEM Camp	84.999	ALLEDALE SCH	10,334
USC Salkehatchie STEM Camp	84.999	ACS/D/USDE	5,841
<b>Clarendon County School District Two</b>			
Clarendon School District Two Autism Consultation Services	84.999	CLARENDON SCH 2	2,549
Clarendon School District Two Autism Consultation Services	84.999	CLARENDON CTY 5	3,273
<b>Florence School District One</b>			
Reading, Writing, and Speaking about American History	84.215	FLORENCE SCH #1	68,292
<b>Lancaster School District</b>			
GearUp II: Gaining Early Awareness and Readiness for Undergraduate Programs	84.999	LANCASTER CTY 5	71,572
<b>Lexington/Richland School District Five</b>			
Challenging Horizons Program at H.E. Corley Elementary and Seven Oaks Elementary 2012-13	84.287	SCH DISTRICT 5	104,745
2011-12 IMS CHP After-School Program	84.999	SCH DIS 5 RLC	539
2011-12 CHP at SOE and HEC Elementary Schools (Seven Oaks Elementary and HE Corley	84.999	SCH DIS 5 RLC	1,269
ST-CHP at Irmo Middle School	84.287	SCH DIST 5	55,549
2012 CHP Summer Camp at IMS: Part 1-Funds From SOE and HEC 21st CCLC Grant	84.999	19277	23,814
2012 CHP Summer Camp at IMS: Part 2-Funds From IMS 21st CCLC Grant	84.999	19278	1,400
2012 CHP Summer Camp at IMS: Part 3-Funds From LES 21ST CCLC Grant	84.999	19279	4,974
Reading, Writing and Reasoning in American History Project	84.215	LEX CTY SCH 5	137,474
<b>Marlboro County School District</b>			
YEP Afterschool Program at Bennettsville Elementary 2012-13	84.287	SCH DIS MARLBOR	60,368
<b>Richland School District One</b>			
WA Perry Afterschool Program 2012-13	84.999	01602805-000	14,751
<b>South Carolina Research Foundation</b>			
"The Evaluation and Modernization of VET within the Digital Creative Industries"	84.116	PO#1000840428	2,911
Long Term Training: Vocational Rehabilitation	84.129	H129B100022	169,639
GAANN Program in the Department of Biological Sciences	84.200	P200A090301	64,720
Graduate Assistance in Areas of National Need (GAANN) Fellowship Program - Chemistry	84.200	P200A120075	38,784
The Possibilities Are Endless: Promoting Braille Throughout South Carolina	84.235	H235E090010	98,917
Preparation of Early childhood Special Education (ECSE) Personnel in South Carolina	84.325	H325K060123	85,780
Preparation of Leadership Personnel: Project PALEIS	84.325	H325D080025	72,885
Preparing School Counselors as Related Service Providers for Children and Youth Disabilities	84.325	H325K080321	17,546
Preparation of Leadership Personnel: Project SPEARTIP	84.325	H325D090025	115,952
Paraprofessionals Preservice Improvement Grant	84.325	H325N100019	145,882
Preparing Highly Qualified Personnel to Serve Children with Visual Impairment (Combined Personnel Preparation 84.25K)	84.325	H325K080238-08	73,848
Special Education Preservice Improvement 84.325T	84.325	H325T090012	80,315
Child Care Access Means Parents in Schools(CCAMPI) 2009	84.335	P335A090117	35,485
Spartanburg Scholars Academy	84.361	U361A070037	30,806
Aiken Writing Project	84.367	075C12-SEED2012	20,000
2012-13 Teacher Leadership Development Grant for Local NWP Sites - Midlands Writing Project	84.367	92-SC05SEED2012	20,100
2012-2013 SEED Teacher Leadership Development Grant	84.367	92-SC06SEED2012	20,000
2013-2013 Professional Development in a High-Need School	84.367	92SC05SEED2012	20,000
2012-2013 Professional Development in a High-Need School	84.367	92-SC06SEED2012	14,999
Spartanburg Writing Project Title II NWP SEED Grant Teacher Leadership Development Proposal	84.367	92SC07-SEED2012	24,703
Hearing Every Voice	84.999	PO#85031	321
Psychological Services Fixed Price Agreement: Richland School District Two	84.999	RICHLAND SCH	20,639
<b>South Carolina Commission on Higher Education</b>			
Nature-Based Inquiry	84.367	SC CHE/USDE	10,069
Nature-Based Inquiry (Supplement)	84.367	SC CHE/USDE	34,684
Expanding Nature-Based Inquiry Opportunities in Elementary Science Education	84.367	SCCHE/USDE	85,387
PRIME TIME on Achievement: Projects for Rigorous Instruction in Mathematics Education with Technology Integration for Maximum Effect on Achievement	84.367	SC CHE	81,858
Distance Education for Developing Highly Qualified Middle School Mathematics Teachers (Yr 4)	84.367	SCCHE/USDE	19,901
Improving Teacher Quality Distance Education for Developing Highly Qualified Middle School Mathematics Teachers (Yr 4 Supplement)	84.367	SC CHE	26,204
Algebra-Nspired Institutes	84.367	SC CHE	19,028
Unveiling Mathematics Standards	84.367	SC CHE	73,381
Unveiling Mathematics Standards Year 2	84.367	SC CHE/USDE	16,413
<b>South Carolina Department of Education</b>			
Evaluation of SC Gateways: From Cradle to Career	84.323	H63010013311	33,622
Evaluation of SC Gateways: From Cradle to Career	84.323	SC DOE	66,983
Evaluation Work for Year 4 of the TRIAAD Project	84.373	11CJ308-01	2
SC Gateways: From Cradle to Career 2013	84.999	H63010013311	108
Evaluation of SC Gateways: From Cradle to Career	84.999	H63010013311	12,608



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<b>U.S. Department of Education, continued</b>			
<b>South Carolina First Steps to School Readiness</b>			
Training in Early Childhood Solutions	84.181	SCFSSR/USDE	414,466
<b>Sumter School District 17</b>			
Autism Consultation Services	84.999	SUMTER SCH D 17	24,798
<b>College of Charleston</b>			
Postsecondary Education Subcontract	84.407	520875-USC	37,559
<b>National Writing Project Corporation</b>			
National Writing Project	84.928	92-SC05	10,483
National Writing Project	84.928	92-SC06	22,891
National Writing Project	84.928	92-SC07	8,295
<b>Williamsburg County School District</b>			
A Story to Tell: Teaching America's Past for America's Future	84.999	WCSD/USDE	73,965
<b>Total U.S. Department of Education</b>			<b>3,601,776</b>
<b>U.S. Department of Health and Human Services</b>			
South Carolina Public Health Training Center (Year 2)	93.249	1UB6HP20187-01	81,328
South Carolina Public Health Training Center	93.249	1UB6HP20187-03	592,581
Geriatric Academic Career Award (2010-2015)	93.250	5K01HP20505-030	61,936
Geriatric Academic Career Award (2010-2015)	93.250	6K01HP205050101	2,423
Advanced Education Nursing Traineeship Program FY2011	93.358	2A10HP00135-12	677
ARRA - Public Health Traineeships	93.405	A0AHP16418	1,143
Arnold SPH Public Health Traineeship	93.964	3-A03HP01181	23,438
Palmetto State Geriatric Education Center II	93.969	5UB4HP19212-02	35,448
Palmetto State Geriatric Education Center II	93.969	5UB4HP19212-03	282,116
<b>Passed through programs from:</b>			
<b>Lieutenant Governor's Office on Aging</b>			
Empowering Older Adults and Adults with Disabilities through Chronic Disease Self-Management Education (CDSME) Programs 2012-2015	93.734	LT GOV OFFICE	20,284
<b>South Carolina Lieutenant Governor's Office</b>			
Model Approaches to Legal Assistance	93.048	MALUSCSL12	3,655
Model Approaches to Legal Assistance Grant	93.048	MALUSC13	5,682
Development and Implementation of a Person-Centered Hospital Discharge Planning Model-Year 4	93.999	LT GOV /AGING	45,667
<b>South Carolina Research Foundation</b>			
Nurse Anesthetist Traineeship 2012	93.124	1A22HP24529-01	7,553
South Carolina HIV/AIDS Clinical Training Center	93.145	S722089	1,036
South Carolina HIV/AIDS Clinical Training Center (AETC) Basic Grant	93.145	S847093	149,540
South Carolina HIV/AIDS Clinical Training Center (AETC) Minority AIDS Initiative Grant	93.145	S847122	34,871
South Carolina AETC Telehealth Training Center	93.145	MUSC11-102	35
Leave No Qualified Nursing Student Behind (Nursing Workforce Diversity)	93.178	5D19HP19021-02	308,926
SC Disability and Health Project	93.184	5U59DD000268-05	4,100
HOME CARE + (Health Care Innovation Challenge)	93.610	1C1CMS331014-01	283,835
International Society for Environmental Epidemiology 24th Annual Conference	93.070	1H13EH001024-01	45,000
South Carolina AETC Telehealth Training Center	93.145	1H44HA24082-01	175,560
Integrative Medicine to Advance Curricula in Preventive Medicine Residencies	93.117	1IM0HP25101-01	47,002
ARRA - Florence and Horry County Post-Study Samples (3,000 RDD Landline Interviews)	93.724	3U58DP001989-02	122,400
Kershaw County Post-Study Sample (750 RDD Landline Interviews)	93.724	3U58DP001989-02	6,320
South Carolina Poison Center Support and Enhancement Project	93.253	5H4BHS15545-03	48,528
South Carolina Poison Center Support and Enhancement Project	93.253	5H4BHS155450400	247,355
The South Carolina Oral Health Safety Net Enhancement Portfolio: Improving Access to Care through Innovative Oral Health Workforce Approaches	93.236	1T12HP24722-01	243,522
SCienceLab	93.389	2R25RR018542-04	209,413
Addressing Parental Smoking by Changing Pediatric Office Systems	93.393	206601	12,931
Smoking Cessation for Adolescents	93.393	1R01CA140576-01	89,056
Improving the Health of People with Disabilities through State Based Public Health Programs	93.184	1U59DD000945-01	258,747
PASOs for Parents 2012-2013	93.590	04-13-CBCAP	30,882
PASOs for Parents Renewal/HHS	93.590	06-03-12-PE&S	15,999
South Carolina University Center for Excellence in Developmental Disabilities	93.632	90DD0607	78
South Carolina University Center for Excellence in Developmental Disabilities	93.632	90DD067301	547,796
ARRA - CITIA-SC: Creating a Healthier South Carolina Through Health Information Technology	93.718	90RC0047	1,270,608
Biomedical-Behavioral Interface: Prevention and Developmental Sciences Training	93.859	5T32GM081740-05	197,743
A Parent Intervention for Improving Physical Activity and Diet in Adolescents	93.865	1F31HD066944-01	25,629
Services Focused Special Congressional Initiative	93.888	D1DHP20346	495,000
Children's Trust Maternal, Infant, and Early Childhood Home Visiting Program	93.999	TCTF OF SC	15,504
<b>South Carolina Department of Health and Environmental Control</b>			
ARRA - Communities Putting Prevention to Work: Chronic Disease Self-Management Program	93.725	9ORA0044-01	11,136
SC DHEC Bioterrorism Project	93.069	DC-08071/727054	16,984
Food Exposures Survey	93.283	DC-12-031	37,793
SC DHEC Bioterrorism Project	93.069	DC-13-011	150,153
The SC Emergency Systems for Advance Registration of Volunteer Health Professionals (ESAR-VHP) Acute Care Hospital Surge Project	93.089	ER-02-011	1,198
The SC Emergency Systems for Advance Registration of Volunteer Health Professionals (ESAR-VHP) Acute Care Hospital Surge Project (Year 3)	93.089	ER-03-012	183,972

**University of South Carolina**  
**Schedule of Expenditures of Federal Awards**  
**For the year ended June 30, 2013**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>U.S. Department of Health and Human Services, continued</b>			
SC DHEC Div of STD/HIV 11-12	93.153	HV-2-099	8,319
Ryan White Part D Coordinated HIV Services and Access to Research for Women, Infants, Children, Youth, and Their Families (CSWICY)	93.153	HV-2-100	10,481
SC DHEC Div of STD/HIV 12-13	93.153	HV-3-451	166,750
Ryan What Part D Coordinated HIV Services and Access to Research for Women, Infants, Children, Youth, and Their Families (CSWICY) - Women's Clinic	93.153	HV-3-452	281,083
DHEC Region 7 Advanced Practice Center	93.283	DHEC REGION 7	9,482
Contract Between South Carolina Department of Health and Environmental Control, Bureau of Maternal and Child Health and the University of South Carolina, Contract No. MC-09-009	93.283	MC-09-009	16,759
Academic Detailing to Promote Smoking Cessation (SCORxE-SCDHEC Outreach Partnership)	93.520	CY-1-778	21,194
ARRA - 2010-2012 Public Health Practice Postgraduate Program	93.723	CY-11-005	699
Pregnancy Risk Assessment Monitoring Systems Flu Supplement	93.946	WAT-2012-09	5,320
ECCS Early Childhood Promotores Project	93.110	WS-3-1138	12,809
Behavioral Risk Factor Surveillance Survey	93.283	4100042303	187,706
Ryan White HIV/AIDS Treatment Extension Act - Part B (SC ADAP Insurance)	93.917	4400000514	12,454
Ryan White HIV/AIDS Treatment Extension Act - Part B Base	93.917	DHEC/HRSA	728,528
Ryan White HIV/AIDS Treatment Extension Act Part B - Minority AIDS Initiative (MAI)	93.917	DHEC/HRSA	9,195
Ryan White HIV/AIDS Treatment Extension Act - Part B	93.917	4100002812	43,756
Ryan White HIV/AIDS Treatment Extension Act - Part B Emerging Communities	93.917	4400000514	264,551
Ryan White HIV/AIDS Treatment Extension Act - Part B	93.917	4400000514	2,538,020
Ryan White HIV/AIDS Treatment Extension Act - Part B - SC ADAP Insurance	93.917	4400000514	125,154
Ryan White HIV/AIDS Treatment Extension Act - SC ADAP Insurance	93.917	2013-3043	24,825
Perinatal HIV Prevention: Comprehensive Risk Counseling and Services	93.940	HV-2-728	83,654
Pregnancy Risk Assessment Monitoring Systems	93.946	4100031742	22,084
2012 Behavioral Risk Factor Surveillance Survey-CHAMP follow-up interviews	93.994	CY-12-020	65,182
Evaluation of SC DHEC Core Violence and Injury Prevention Program Base Integration Component Grant	93.999	CY-12-016	5,119
<b>South Carolina Department of Education</b>			
Evaluation of Let's Talk Chester Abstinence Education	93.235	SC DEPT OF EDU	2,844
<b>South Carolina Department of Mental Health</b>			
Primary and Behavioral Health Care Integration in Chesterfield, Dillon, and Marlboro Counties	93.243	J12014025010	10,000
<b>Medical University of South Carolina</b>			
Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Subcontract	93.110	MUSC11-102	96,233
<b>South Carolina Department of Social Services</b>			
Connecting 4 Kids/SC Department of Social Services	93.605	G11073T	228,081
South Carolina Department of Social Services (Court Liaison Initiative-2012-2013)	93.658	#CLC4	439,567
SC Department of Social Services (Child Welfare Training 2012-2013) Task Order One	93.658	TO CLC1	756,359
South Carolina Department of Social Services (Child Support Enforcement Training 2012-2013)	93.563	TO CLC2	34,466
South Carolina Department of Social Services (Training for External Legar Community and Special Projects 2012-2013)	93.658	TO CLC3	184,977
South Carolina Department of Social Services (Child Abuse/Neglect Investigations 2012-2013)	93.658	TO CLC5	151,322
South Carolina Department of Social Services (Operation of the Children's Law Center 2012-2013)	93.658	TO CLC6	161,596
South Carolina Department of Social Services (Support of the South Carolina Children's Justice Act Task Force 2012-2013)	93.658	TO CLC7	90,000
DSS Task Order #8: Data Projects	93.658	TO CLC#8	22,262
Legal Training for DSS Staff and Agents	93.643	TOCLC1	2,177
Legal Training for DSS Staff and Agents (Court Liaison Initiative)	93.643	TOCLC4	8,856
The Purchase of Social Work Training for Staff and Agents (Child Welfare Training)	93.648	TO3	746,202
The Purchase of Social Work Training for Staff and Agents (Enhancing Youth Leadership Skills (GOALL)	93.648	TO4	139,811
The Purchase of Social Work Training for Staff and Agents (Hispanic Assistance Bilingual Access (Habia) Program)	93.648	TO5	374,573
The Purchase of Social Work Training for Staff and Agents (Facilitation of the Citizens Review Panel)	93.648	TO6	86,124
The Purchase of Social Work Training for Staff and Agents (Economic Services Training)	93.648	TO8	339,805
The Purchase of Social Work Training for DSS Staff and Agents. Task Order #9: Adult Protective Services Training	93.648	TO9	152,013
Training and Special Events to Improve the Quality of Child Care for South Carolina Families 2012-13	93.999	SCDSS/HHS	262,652
Training and Special Events to Improve the Quality of Child Care for South Carolina Families 2011-12	93.999	5000012254	101,590
Improve the Quality of Child Care for South Carolina Families 2012-13	93.999	C12069H-4	146,259
Improve the Quality of Child Care for South Carolina Families 2013-14	93.999	DSS/DHHS	15,397
<b>South Carolina Campaign to Prevent Teen Pregnancy</b>			
2012-2013 CDC Clinic Grant	93.297	1U58DP002913	14,920
<b>South Carolina Court Administration</b>			
Court Administration Training Grant	93.586	1201SCSCIT	110,862
Court Administration Basic Grant	93.586	121SCSCIP	104,289
Court Improvement Training Grant	93.586	(CAN)1101SCSCIT	58,150
<b>South Carolina Council of Developmental Disabilities</b>			
Autism Diagnostic Services	93.630	02-21-0069	31,940
South Carolina Autism Treatment Network	93.630	01-21-0067	6
Website for Recreation and Exercise Opportunities for People with Disabilities in SC	93.630	02-21-0019	15,440
Disability Course Curriculum for Technical College Health Professionals	93.630	02-21-0012	9,487
South Carolina Assistive Technology Expo 2013	93.630	002-21-0079	2,500
South Carolina Secondary Transition and Employment Advancement (SC-Team)	93.630	02-21-0001	153,817
<b>South Carolina Department of Alcohol and Other Drug Abuse Services</b>			
Systems of Care Planning Grant	93.104	USC-BKB-12	33,637
<b>South Carolina Tobacco Collaborative</b>			
Academic Detailing to Promote Smoking Cessation (SCORxE-SC Tobacco Collaborative Partnership)	93.520	SC TOBACCO COLL	150,277
<b>South Carolina Developmental Disabilities Council</b>			

**University of South Carolina**  
**Schedule of Expenditures of Federal Awards**  
**For the year ended June 30, 2013**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>U.S. Department of Health and Human Services, continued</b>			
<b>South Carolina Department of Health and Human Services</b>			
SC Department of Health and Human Services for Provider Curriculum Development, Implementation, Evaluation, Recordkeeping and Reporting - Home Again	93.999	A20161729A	168,441
Academic Detailing for the CHIPRA Quality Demonstration Grant (QTIP Project)	93.999	A51644A	193,074
South Carolina Medicaid Academic Detailing Program	93.999	A21541A	16,693
Work Support Strategies Grant	93.999	A21691A	(397)
Contract Between SC Department of Health and Human Services and USC School of Medicine for the Purchase and Provision of Rural Outreach Program (#1599)	93.999	A21599A	26,967
South Carolina Children's Health Assessment Survey	93.999	ANE-2013-05	16,509
SC DHEC Environmental Public Health Tracking Project	93.999	PH-3-827	20,000
<b>University of Maryland</b>			
Linking South Carolina Free Clinics to Quality Health Information: Phase III	93.999	SR00002310	29,834
<b>South Carolina Office of Rural Health</b>			
South Carolina Office of Rural Health FLEX Program Evaluation	93.241	SC RURAL HLTH	4,393
<b>The Children's Trust of South Carolina</b>			
Evaluation of the Maternal, Infant and Early Childhood Home Visiting Program	93.615	TCTF OF SC	137,316
<b>United Way of the Midlands</b>			
Healthy SC Initiative	93.999	1U58DP003583	20,427
Healthy SC Initiative	93.999	ESMMRC/CDC	2,830
<b>Association of University Centers on Disabilities</b>			
Consortium on Postsecondary Education for Students with Intellectual/Developmental Disabilities	93.998	891-960	5,026
<b>Emory University</b>			
Regional AIDS Education and Training Centers- Telehealth (Hepatitis and Behavioral Health)	93.145	5856493	42,258
South Carolina HIV/AIDS Clinical Training Center (AETC) Basic Grant	93.145	EMORY UNIVERSIT	23
<b>Total U.S. Department of Health and Human Services</b>			<b>17,017,592</b>
<b>Library of Congress</b>			
Host Organization Profile Form	42.999	3772	5,173
<b>Total Library of Congress</b>			<b>5,173</b>
<b>National Aeronautics and Space Administration</b>			
<b>Passed through programs from:</b>			
<b>South Carolina Research Foundation</b>			
Determining the Impacts of Spatial and Temporal Variability of Climate on Intertidal Ecosystems Using in-situ Measurements and Satellite Observations	43.001	NNX12AG94G	5,417
<b>Total National Aeronautics and Space Administration</b>			<b>5,417</b>
<b>U.S. Department of Agriculture</b>			
<b>Passed through programs from:</b>			
<b>Hampton County</b>			
Hampton County Business Consulting and Microloan Project	10.769	HAMPTON COUNTY	24,261
<b>South Carolina Research Foundation</b>			
Video Coverage for Providing Diversity in Cropping Systems to Improve Soil Health	10.903	68-7482-11-535	23,184
<b>South Carolina Department of Social Services</b>			
USDA Food Service Program	10.558	C10298F	17,726
<b>Total U.S. Department of Agriculture</b>			<b>65,171</b>
<b>U.S. Department of Commerce</b>			
University Center Economic Development Program (Year 3)	11.303	04-66-06268-02	13,450
<b>Passed through programs from:</b>			
<b>South Carolina Research Foundation</b>			
Using Massively Parallel DNA Sequencing to Characterize Complex Mixtures of Fish Eggs	11.999	EA133F11SE2614	5,454
Using Massively Parallel DNA Sequencing to Characterize Complex Mixtures of Fish Eggs (Issued by Kansas City, MO)	11.999	WC133F11SE1402	3,490
<b>Total U.S. Department of Commerce</b>			<b>22,394</b>
<b>U.S. Department of Defense</b>			
Procurement Technical Assistance Program for Business Firms (State Directors Office)	12.002	SP4800-11-21182	94,797
Procurement Technical Assistance Program for Business Firms (USC)	12.002	SP4800-11-21182	21,560
Meeting Executive Order Environmental and Energy Management Goals through Navy EMS Integration and BUMED EMS Applications	12.300	W9126G-12-20039	102,314
<b>Passed through programs from:</b>			
<b>South Carolina Research Foundation</b>			
Meeting Executive Order Environmental and Energy Management goals through EMS Program Integration and BLUMED EMX Applications	12.300	W6126G-10-20007	28,554
Madaktari Global Health Fellowship Program	12.999	MADAKTARI AFRIC	62,288
Give Army Parents a Break (GAPAB) Respite Child Care Services	12.999	SANAFBA110C0050	24,126
DOD SC Junior Science & Humanities Symposium	12.630	W911NF-10-20076	475
DOD SC Junior Science & Humanities Symposium 2013	12.630	W911NF-10-20076	14,253
University of South Carolina Hydrogen Bus Demonstration Project	12.630	W9132T-12-20001	75,000
NROTC Educational Instrucion Calculus and Physics	12.630	N0014-006-G0053	2,579
Development of an Interagency Training Model for Promoting Rule of Law in Post-Conflict Zones	12.999	W91WAW-10-C0061	146,040
<b>Total U.S. Department of Defense</b>			<b>571,986</b>

**University of South Carolina**  
**Schedule of Expenditures of Federal Awards**  
**For the year ended June 30, 2013**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>U.S. Department of Housing and Urban Development</b>			
Passed through programs from:			
<b>South Carolina Department of Health and Environmental Control</b>			
DHEC HOPWA Career Services Program	14.241	HV-11-052	51,972
USCDOM Supportive Housing Services HOPWA-SCDHEC	14.241	DHEC/HRSA	19,419
<b>City of Columbia</b>			
HOPWA HIV Services for Columbia EMSA Residents	14.241	CITY OF COLUMBIA	828
Case Management, Mental Health and Substance Abuse Services for Persons with HIV in the Columbia EMSA	14.241	CITY OF COLUMBIA	477,401
Housing First Program for Homeless Persons with Disabilities	14.999	CITY OF COLA	62
<b>Total U.S. Department of Housing and Urban Development</b>			<b>549,682</b>
<b>U.S. Department of Interior</b>			
Passed through programs from:			
<b>South Carolina Research Foundation</b>			
Operation of the Mid-America Integrated Seismic Network - 2010-2014 - USC	15.807	G10AC00073	119,702
Neodymium (Nd) Isotope Analysis of Pliocene Fossil Fish Teeth from Atlantic Sediment Cores	15.999	G11PX01893	5,564
<b>South Carolina Department of Archives and History</b>			
South Carolina Archaeology Month Poster 2012	15.904	SC DEPT OF ARCH	3,822
Services Supporting ArchSite	15.946	SCDAH/DOT	2,042
Services for ArchSite to Provide On Line Access	15.999	SCDAH/DOI	12,987
<b>Total U.S. Department of Interior</b>			<b>144,117</b>
<b>U.S. Department of Justice</b>			
Passed through programs from:			
<b>City of Columbia</b>			
The Columbia Police Department Smart Policing Initiative	16.727	CITY OF COLUMBI	25,124
<b>South Carolina Department of Alcohol and Other Drug Abuse Services</b>			
Palmetto Initiative for Campus/Community Collaboratives	16.727	FY12 USC PICC-2	10,824
<b>South Carolina Department of Public Safety</b>			
Multi-Agency Team Project	16.523	1JS08009	41,311
Multi-Agency Team Project	16.523	1JS10005	80,967
Community Programs: Implementing the Reduction of DMC	16.540	1J10002	(420)
<b>South Carolina Research Foundation</b>			
The New Standards Project	16.999	2010-VF-GX-K019	87,156
<b>Total U.S. Department of Justice</b>			<b>244,962</b>
<b>U.S. Department of State</b>			
Passed through programs from:			
<b>Jessheim High School, Norway</b>			
U.S. - Norway Teacher Exchange: 2013 Southern Heritage Study Tour	19.999	JVS/USD STATE	34,008
<b>South Carolina Research Foundation</b>			
University of South Carolina Journalism School Partnership Project with the			
Caucasus School of Journalism and Media Management	19.999	SLMAQM10GR041VT	233,912
<b>Total U.S. Department of State</b>			<b>267,920</b>
<b>U.S. Department of Transportation</b>			
Passed through programs from:			
<b>South Carolina Department of Public Safety</b>			
Buckle Up South Carolina Observational Survey and Attitudinal Survey	20.999	SC DPS	6,154
<b>Total U.S. Department of Transportation</b>			<b>6,154</b>
<b>National Endowment for the Humanities</b>			
Passed through programs from:			
<b>The Humanities Council SC</b>			
"Understanding the Medieval Book: Preaching and Piety"	45.129	12-1476-2	1,000
FOLKFabulous	45.129	13-1201-2	1,000
South Carolina Digital Newspaper Program	45.999	HUMANITIES COUN	685
<b>South Carolina Research Foundation</b>			
South Carolina Newspaper Digitization Project	45.149	PJ-50046-09	168,364
Fox Movietone News Digitization Project, Phase 1	45.149	PW-51427-13	455
Stories of the Great Migration	45.163	ES-50416-11	140,825
ASERL Collaborative Federal Depository Project	45.312	LG07-09-009509	3,904
Institute of Museum and Library Services (IMLS)	45.312	LG-65-12-0649	51,303
Cultural Heritage Informatics Leadership (CHIL): An Experiment in Responsive Doctoral Studies	45.313	RE02-10-0008-10	222,093
<b>South Carolina State Library</b>			
South Carolina Digital Library: Ongoing Initiative 2011	45.310	IIF-11-01	9,743
South Carolina Digital Library: Ongoing Initiative 2012-13	45.310	IIF-12-01	20,761
<b>Total National Endowment for the Humanities</b>			<b>620,133</b>

**University of South Carolina**  
**Schedule of Expenditures of Federal Awards**  
**For the year ended June 30, 2013**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Science Foundation</b>			
S-STEM: Fueling the Workforce with Science Teacher Scholarships	47.076	728665	41,483
<b>Passed through programs from:</b>			
<b>South Carolina EPSCoR</b>			
Minority Research Participation in Calorimetry of Nanoparticles	47.080	1317771	3,360
SAN Proposal to Support Recruitment of Women into Mathematics	47.080	1317771	5,924
<b>South Carolina Research Authority</b>			
Computational Chemistry Workshop	47.081	20030194/T00118	5,983
Minority Research Participation in Calorimetry of Nanoparticles	47.081	0903795/0124	3,360
<b>South Carolina Research Foundation</b>			
SC Graduate Steps to STEM	47.076	0653164	379,721
SC Graduate Steps to STEM	47.076	0850208	159,685
Service Activities for NEES Simulation Sub-Committee	47.041	CMMI-0927178	18,072
REV & USArrayMonitor Maintenance	47.050	78-TA	10,616
Workshop on Lay Public Knowledge of Science	47.075	BSC-1063341	20
Building a Climate Change Education Network	47.076	11-02-052	3,234
University of South Carolina Science and Mathematics Teachers Initiative (USC-SMTI)	47.076	1035379	354,708
Subaward: Winthrop Initiative for STEM Educators (WISE)	47.999	P1300330/R12007	15,557
<b>Stevens Institute of Technology</b>			
ENGAGE Mini Grant	47.999	0833076	1,676
<b>Total National Science Foundation</b>			<b>1,003,399</b>
<b>Small Business Administration</b>			
SBDC Renewal for Current Recipient Organizations - CY 2013 (USC)	59.037	SBA	313,056
SBDC Renewal for Current Recipient Organizations - CY 2013 (State Director's Office)	59.037	SBA	136,910
Small Business Jobs Act of 2010 (USC)	59.037	1-603001-Z-0149	58,191
Small Business Jobs Act of 2010 (State Director's Office)	59.037	1-603001-Z-0149	49,199
SBDC Renewal for Recipient Organizations - CY 2012 (USC)	59.037	2603001Z004332	124,041
SBDC Renewal for Recipient Organizations - CY 2012 (State Director's Office)	59.037	2-603001Z004332	79,501
SBDC 2011 Carry-Over (State Director's Office)	59.037	1-603001Z004331	9,301
<b>Passed through programs from:</b>			
<b>South Carolina Research Authority</b>			
Innovista Center for Entrepreneurial Development (ICED)	59.999	SBAHQ-10-1-0208	97,609
<b>Total Small Business Administration</b>			<b>867,808</b>
<b>Environmental Protection Agency</b>			
<b>Passed through programs from:</b>			
<b>South Carolina Research Foundation</b>			
International Society for Environmental Epidemiology 24th Annual Conference	66.510	83529301	10,000
Resource Conservation Challenge Program	66.611	95476011	1,042
<b>Total Environmental Protection Agency</b>			<b>11,042</b>
<b>U.S. Nuclear Regulatory Commission</b>			
<b>Passed through programs from:</b>			
GA/SC University Partnership for Environmental Radiation Protection	77.006	RR267317/489216	9,680
<b>Total U.S. Nuclear Regulatory Commission</b>			<b>9,680</b>
<b>U.S. Department of Energy</b>			
<b>Passed through programs from:</b>			
<b>South Carolina Energy Office</b>			
ARRA - Survey of Local Government Emergency Management Capabilities	81.999	SC BUDGET & CON	9,000
<b>South Carolina Research Foundation</b>			
Proposal for Continuation of Contract for DOE-SR Public Reading Room at the University of South Carolina Aiken	81.049	DEFG0908SR22632	9,383
DOE Nuclear Engineering Scholarship and Fellowship Program at USC	81.121	DE-NE0000095	44,048
<b>South Carolina Universities Research and Education Foundation</b>			
Earthquake Monitoring in South Carolina	81.999	SRNS011/SCN0014	12,346
Earthquake Monitoring in South Carolina	81.999	WEST165	85,889
<b>SRS Community Reuse Organization</b>			
Development and Implementation of an Enhanced Biology Degree in Environmental Remediation and Restoration	81.999	DE-EM0001232	147,020
SRSCRO Advancing Nuclear Skills Regionally (ANSR) Salkehatchie	81.999	DE-EM0001232	56,676
<b>University of Georgia</b>			
SREL/USCA Internships in Radioecology	81.003	RR267400/494050	21,499
<b>Total U.S. Department of Energy</b>			<b>385,861</b>
<b>Broadcasting Board of Governors</b>			
<b>Passed through programs from:</b>			
<b>South Carolina Research Foundation</b>			
VOA Training - Broadcasting Board of Governors	90.999	BBG50-A-11-0472	913
<b>Total Broadcasting Board of Governors</b>			<b>913</b>
<b>U.S. Department of Veterans Affairs</b>			
VA Attending Veterinarian Agreement	64.999	WJB DORN VA	12,086
<b>Total U.S. Department of Veterans Affairs</b>			<b>12,086</b>

**University of South Carolina**  
**Schedule of Expenditures of Federal Awards**  
**For the year ended June 30, 2013**

<u>Federal grantor/pass-through grantor/program title</u>	<u>Federal CFDA number</u>	<u>Grant number</u>	<u>Expenditures</u>
<b>U.S. Department of Homeland Security</b>			
Passed through programs from:			
<b>South Carolina Emergency Division</b>			
Earthquakes in South Carolina: Bridging the Social and Science Divide for K-12 Educators (Earthquake Hazards Reduction)	97.082	EMA-2011-GR5135	19,335
<b>South Carolina Emergency Management Division</b>			
University of South Carolina Disaster Resistant Hazard Mitigation Plan	97.999	PDMCPL04SC2009	8,119
<b>Total U.S. Department of Homeland Security</b>			<b>27,454</b>
<b>U.S. Agency for International Development</b>			
IREX Azerbaijan Training & Study Tour (sponsored by USAid)	98.001	AID112A1000001	15,748
Passed through programs from:			
<b>South Carolina Research Foundation</b>			
Promoting New Media and Media Convergence in Russia	98.001	FY12PNMCNEWSPLE	34,043
<b>Total U.S. Agency for International Development</b>			<b>49,791</b>
<b>Total Federal Expenditures</b>			<b>\$ 450,268,000</b>

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# University of South Carolina

## *Notes to Schedule of Expenditures of Federal Awards* *For the year ended June 30, 2013*

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### **Note 1. Basis of Presentation**

The accompanying schedule of expenditures of federal awards (the schedule), includes the federal grant activity of the University of South Carolina (the University), and is presented on the accrual basis of accounting. The information in the schedule is presented in accordance with the requirements of Office of Management and Budget (OMB) Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Therefore, some amounts presented in the schedule may differ from amounts presented in, or used in, the preparation of the basic financial statements.

### **Note 2. Summary of Significant Accounting Policies For Federal Award Expenditures**

Expenditures for student financial aid programs include the federal share of students' Federal Supplemental Educational Opportunity Grant (FSEOG) program grants and Federal Work Study (FWS) program earnings, certain other federal financial aid for students and administrative cost allowances, where applicable.

Expenditures for federal research and development programs are determined using the cost accounting principles and procedures set forth in OMB Circular A-21, *Cost Principles for Educational Institutions*. Under these cost principles, certain expenditures are not allowable or are limited as to reimbursement.

Expenditures for nonfinancial aid awards include indirect costs, related primarily to facilities operation and maintenance and general, divisional and departmental administrative services, which are allocated to direct cost objectives (including federal awards) based on negotiated formulas commonly referred to as facilities and administrative cost rates. Facilities and administrative costs allocated to such awards for the year ended June 30, 2013 were based on predetermined fixed rates negotiated with the University's cognizant federal agency.

### **Note 3. Federal Perkins Loan Program (CFDA Number 84.038)**

The Federal Perkins Loan (FPL) program is administered directly by the University and balances and transactions relating to the program are included in the University's financial statements. The balance of loans outstanding under the FPL program was \$18,059,083 as of June 30, 2013.

### **Note 4. Matching**

Under the FWS program, the University matched \$367,891 in total compensation for the year ended June 30, 2013, in addition to the federal share of expenditures in the accompanying schedule.

Under the FSEOG program, the University matched \$349,447 in funds awarded to students for the year ended June 30, 2013, in addition to the federal share of expenditures in the accompanying schedule.

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**University of South Carolina****Notes to Schedule of Expenditures of Federal Awards  
For the year ended June 30, 2013**

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**Note 5. Subrecipients**

Of the federal expenditures presented in the schedule, the University provided federal awards to subrecipients as follows for the year ended June 30, 2013:

<u>Federal granting agency</u>	<u>Federal CFDA number</u>	<u>Amount provided to subrecipients</u>
Environmental Protection Agency	66.RD	\$ 14,080
Total Environmental Protection Agency		<u>14,080</u>
National Aeronautics and Space Administration	43.RD	181,403
Total National Aeronautics and Space Administration		<u>181,403</u>
National Endowment for the Humanities	45.RD	111,468
	45.310	<u>17,485</u>
Total National Endowment for the Humanities		<u>128,953</u>
National Science Foundation	47.RD	599,653
	47.076	<u>2,454</u>
Total National Science Foundation		<u>602,107</u>
U.S. Department of Agriculture	10.RD	<u>115,723</u>
Total U.S. Department of Agriculture		<u>115,723</u>
U.S. Department of Commerce	11.RD	<u>292,616</u>
Total U.S. Department of Commerce		<u>292,616</u>
U.S. Department of Defense	12.RD	<u>1,474,600</u>
Total U.S. Department of Defense		<u>1,474,600</u>
U.S. Department of Education	84.RD	390,192
	84.325	<u>20,878</u>
Total U.S. Department of Education		<u>411,070</u>
U.S. Department of Energy	81.RD	<u>2,508,743</u>
Total U.S. Department of Energy		<u>2,508,743</u>
U.S. Department of Health and Human Services	93.RD	4,244,768
	93.236	173,783
	93.250	48,127
	93.575	18,810
	93.596	882,137
	93.718	1,041,445
	93.778	255,767
	93.917	935,216
	93.969	89,979
	93.999	<u>94,573</u>
Total U.S. Department of Health and Human Services		<u>7,784,605</u>



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**University of South Carolina****Notes to Schedule of Expenditures of Federal Awards****For the year ended June 30, 2013**

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**Note 5. Subrecipients, Continued**

<u>Federal granting agency</u>	<u>Federal CFDA number</u>	<u>Amount provided to subrecipients</u>
U.S. Department of Homeland Security	97.RD	<u>347,076</u>
Total U.S. Department of Homeland Security		<u>347,076</u>
U.S. Department of Interior	15.RD	<u>96,463</u>
Total U.S. Department of Interior		<u>96,463</u>
U.S. Department of Justice	16.RD	<u>59,429</u>
Total U.S. Department of Justice		<u>59,429</u>
Grand Total		<u>\$ 14,016,868</u>



**Independent Auditor's Report on Internal Control Over Financial Reporting  
and on Compliance and Other Matters Based on an Audit of Financial Statements  
Performed In Accordance With *Government Auditing Standards***

The Board of Trustees  
University of South Carolina  
Columbia, South Carolina

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities, the aggregate discretely presented component units of the University of South Carolina (the University), as of and for the year ended June 30, 2013, and the related notes to the financial statements, which collectively comprise the University's basic financial statements, and have issued our report thereon dated October 10, 2013. Our report includes a reference to other auditors who audited the financial statements of the University of South Carolina School of Medicine Educational Trust and Clinical Faculty Practice Plan (the Trust); University of South Carolina Research Foundation; the University of South Carolina Educational Foundation; the University of South Carolina Business Partnership Foundation; the Greater University of South Carolina Alumni Association; the USC Upstate Foundation; the USC Upstate Capital Foundation; and the Educational Foundation of the University of South Carolina-Lancaster, (collectively referred to as the Trust and the Foundations), as described in our report on the University's financial statements. This report, insofar as it relates to the results of the other auditors, is based solely on the reports of the other auditors. The financial statements of the Foundations, excluding the University of South Carolina Research Foundation, were not audited in accordance with *Government Auditing Standards*.

**Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the University's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, we do not express an opinion on the effectiveness of the University's internal control.

*A deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. Given these limitations, during our audit we and the other auditors did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified. We did identify deficiency 2013-1 in internal control, described in the accompanying *Schedule of Findings and Questioned Costs*, that we consider to be a significant deficiency.

### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the University's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

### **The University's Response to Findings**

The University's response to the finding identified in our audit is described in the accompanying *Schedule of Findings and Questioned Costs*. The University's response was not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

### **Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the result of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

A handwritten signature in black ink that reads "Elliott Davis, LLC". The signature is written in a cursive, flowing style.

Columbia, South Carolina  
October 10, 2013



**Independent Auditor's Report on Compliance for Each Major Federal Program;  
Report on Internal Control Over Compliance; and  
Report on the Schedule of Expenditures of Federal Awards  
Required by OMB Circular A-133**

The Board of Trustees  
University of South Carolina  
Columbia, South Carolina

**Report on Compliance for Each Major Federal Program**

We have audited the University of South Carolina's (the University) compliance with the types of compliance requirements described in the *OMB Circular A-133 Compliance Supplement* that could have a direct and material effect on each of the University of South Carolina's (the University) major federal programs for the year ended June 30, 2013. The University's major federal programs are identified in the summary of auditor's results section of the accompanying *Schedule of Findings and Questioned Costs*.

The University's basic financial statements include the operations of the University of South Carolina Research Foundation (the Foundation), which received \$84.2 million in federal awards which is not included in the schedule during the year ended June 30, 2013. Our audit, described below, did not include the operations of the Foundation because the component unit engaged other auditors to perform an audit in accordance with OMB Circular A-133.

***Management's Responsibility***

Management is responsible for compliance with the requirements of laws, regulations, contracts, and grants applicable to its federal programs.

***Auditor's Responsibility***

Our responsibility is to express an opinion on compliance for each of the University's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the University's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the University's compliance.

***Opinion on Each Major Federal Program***

In our opinion, the University complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2013.

***Report on Internal Control Over Compliance***

Management of the University is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the University's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with OMB Circular A-133, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the University's internal control over compliance.

*A deficiency in internal control over compliance* exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A *material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of OMB Circular A-133. Accordingly, this report is not suitable for any other purpose.

***Report on Schedule of Expenditures of Federal Awards Required by OMB Circular A-133***

We have audited the financial statements of the business-type activities, the aggregate discretely presented component units of the University, a department of the State of South Carolina (the State), as of and for the year ended June 30, 2013, and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We issued our report thereon dated October 10, 2013, which contained unmodified opinions on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by OMB Circular A-133 and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditure of federal awards is fairly stated in all material respects in relation to the basic financial statements as a whole.



Columbia, South Carolina  
October 10, 2013

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**University of South Carolina*****Schedule of Findings and Questioned Costs******For the year ended June 30, 2013***

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**I. Summary of Auditor's Results****Financial Statements**

- |   |            |
|---|------------|
| (a.) Type of auditor's report:  | Unmodified |
| (b.) Internal control over financial reporting:   |            |
| 1) Material weaknesses identified:  | No         |
| 2) Significant deficiencies identified that are not considered to be material weaknesses: | Yes        |
| (c.) Noncompliance material to financial statements noted:                                | No         |

**Federal Awards**

- |   |               |
|---|---------------|
| (a.) Internal control over major programs:  |               |
| 1) Material weaknesses identified:  | No            |
| 2) Significant deficiencies identified that are not considered to be material weaknesses:                     | None reported |
| (b.) Type of auditor's report issued on compliance for major programs:  | Unmodified    |
| (c.) Audit findings that are required to be reported in accordance with Section 510(a) of OMB Circular A-133: | No            |
| (d.) Identification of major programs:  |               |

<u>CFDA Numbers</u>	<u>Name of federal program or cluster</u>
00.RD; 10.RD, 11.RD, 12.RD, 15.RD, 16.RD, 20.RD, 43.RD, 45.RD, 47.RD, 64.RD, 66.RD, 77.RD, 81.RD, 84.RD, 93.RD, 97.RD, 98.RD	Research and Development Cluster
84.007; 84.033; 84.038; 84.063; 84.268; 84.379; 93.264; 93.342; 93.364	Student Financial Assistance Cluster
93.718	CITIA-SC: Creating a Healthier South Carolina through Health Information Technology

- |   |             |
|---|-------------|
| (e.) Dollar threshold used to distinguish between type A and type B Programs: | \$3,000,000 |
| (f.) Auditee qualified as low risk auditee?                                   | Yes         |

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# University of South Carolina

## *Schedule of Findings and Questioned Costs*

*For the year ended June 30, 2013*

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### II. Financial Statement Findings:

#### **2013-1: Grant Revenue**

**Criteria:** As described in paragraph 21 of GASB 33 - *Accounting and Financial Reporting for Nonexchange Transactions*, grant recipients should recognize receivables and revenues when all applicable eligibility requirements are met.

**Condition:** During May 2013, the University met eligibility requirements related to approximately \$5.1 million in reimbursable grant expenditures. However, revenue and grant receivables related to these expenditures were not recorded in the University's closing general ledger for the year ended June 30, 2013.

**Context:** Total grant expenditures per the schedule of federal awards was compared to federal grant revenues per the general ledger. The resulting variance was investigated.

**Effect:** Grant revenues and grant receivables were understated by approximately \$5.1 million.

**Cause:** During fiscal year 2013, a new invoicing procedure was implemented for pass-through entities which caused grant revenue to be understated.

**Recommendation:** We recommend the University record grants receivable and related revenues as soon as grant eligibility requirements are met.

**Views of responsible officials and planned corrective actions:** Grant revenues and grant receivables will be recorded at the end of each monthly accounting period. Any outstanding transactions at the end of the fiscal year will be accrued and recorded in accordance with University and accounting rules and policies. This one time occurrence was due to a procedural change to increase efficiency. The procedure has been analyzed and is deemed to be correct and in standing with the function for which it was devised.

### III. Federal Award Findings and Questioned Costs:

None reported

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**University of South Carolina*****Summary Schedule of Prior Audit Findings  
For the year ended June 30, 2013***

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None reported